

375 South Carbon Avenue A-10 Suite 101

Price, Utah 84501 Phone: 435-637-8781 Cell: 801-650-1401 801-650-1402

Fax: 435-636-8603 Email: talon@castienet.com

February 1, 2002

Ms. Lisha Cordova
State of Utah
Division of Oil Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—State of Utah 36-138, Emery County, Utah 1624' FNL, 469' FWL, Section 36, T16S, R7E, SLB&M.

Dear Ms. Cordova:

On behalf of Texaco Exploration and Production, Inc. (Texaco), Talon Resources, Inc. respectfully submits the enclosed original of the *Application for Permit to Drill (APD)* for the above referenced well. The location of the well is no closer that 460' from the Huntington (shallow) CBM unit boundary or to an uncommitted Federal or un-leased tract within the Unit Area. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats and layouts of the proposed well site;

Exhibit "B" - Proposed location maps with pipe, power, and road corridors;

Exhibit "C" - Drilling site layout;

Exhibit "D" - Drilling Program;

Exhibit "E" - Multi Point Surface Use Plan;

Exhibit "F" - Typical road cross-section;

Exhibit "G" - Typical BOP diagram;

Exhibit "H" - Typical wellhead manifold diagram.

RECEIVED

FEB 9 6 2002

DIVISION OF OIL GAS AND MINING Please accept this letter as Texaco Exploration and Production's written request for confidential treatment of all information contained in and pertaining to this application, if said information is eligible for such consideration.

Thank you very much for your timely consideration of this application. Please feel free to contact myself, or Mr. Ron Wirth at Texaco if you have any questions or need additional information.

Sincerely,

Don Hamilton

Environmental Manager / Project Coordinator

cc: Mr. Mark Jones, Oil, Gas and Mining

Mr. Bryant Anderson, Emery County

Mr. Ron Wirth, Texaco

Mr. Chuck Snure, Texaco

Mr. Bob Lamarre, Texaco

Mr. Ian Kephart, Texaco

Texaco Well File

STATE OF UTAH

	DIVISION O	FOIL, GAS AND MI	NING	-		
0		5	5. Lesse Designation and Serial Number: MT . 47100			
APPLIC	ATION FOR PER	MIT TO DRILL O	OR DEEPEN	6	i. If Indian, Allottee or Tribe Name:	
		7	N/A . Unit Agreement Name:			
IA. Type of Work.		_	Huntington (Shallow) CBM			
B. Type of Well: OIL	GAS 🔀	<u> </u>	State of Utah			
2. Name of Operator:		-		9). Well Number:	
Texaco Expl	oration and Production for Box 618 or	tion, Inc.	31	1	36-138 0. Field or Pool, or Wildcat:	
3300 North I	Butler, Suite 100, F	ermington NM 8	7401: 505-325-43	9 7	Undesignated Buzzard Bench	
Location of Well (Footages) At Surface:	1624' FNL, 469' F	_		1	Qtr/Qtr, Section, Township, Range, Meridian:	
At Proposed Producing Z	•	WL	4359997 Y		SW/4 NW/4, Section 36, T16S, R7E, SLB&M	
			491918 ×		1105, R/E, SLB&W	
14 Distance in miles and directi	on from nearest town or post office	· · · · · · · · · · · · · · · · · · ·		1	2. County: 13. State:	
14. Distance il limes and uncom		st of Huntington, L	ltah		Emery Utah	
15. Distance to nearest property or lease line (feet):		16. Number of acres in lease:			nber of acres assigned to this well:	
18. Distance to nearest well, dril	469'	_ 560 19. Proposed Depth:			acres	
completed, or applied for, or	800°	4270'			tary	
21. Elevations (show whether D				2	2. Approximate date work will start:	
	6536' GR		O OFMENTING DOG)))	April 2002	
23.		OSED CASING ANI		JGKA T		
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	220	QUANTITY OF CEMENT	
	12-1/4" 8-5/8" K-55 ST&C		300° 4270°	 	sacks Class G cement + 2% CaCl ₂ + 0.25 pps cellophane sacks 10:1 RFC Class G cement + 0.25 pps cellophane	
7-7/8"	5-1/2" N-80 LT&C	17	4270	1		
DESCRIBE PROPOSED PROG	RAM: If proposal is to deepen, givered and true vertical depths. Give	e data on present productive zone	and proposed new productive zon	ne. If prop	posal is to drill or deepen directionally, give pertinent data on	
Surface Ou	vner PacifiCorn (I	ID&I) 1407 West	North Temple Sal	lt I ak	te City, Utah 84116	
	Representative:	, .	-	it Lan	e city, Ctair 64116	
Landowner	Representative.	icity wateris.	-330-6407			
				د. مستعد م	See.	
			RECEIV	/E	DODICINAL	
					ORIGINAL	
			FEB 0 6 20	102		
			DIVISION O)E	CONFIDENTIAL	
			OIL, GAS AND N			
24.	. 171				. /	
1	/. <i>J::H</i>		/	() p	SUPERVISOR Date: 2/1/02	
Name & Signature: 100	ww		Title: <u>C</u>	<i></i>		
(This space for state use only)				11.	Approved by the Utah Division of	
API Number Assigned:	43-015-3055	<u> </u>	Approval:	# #	Oil Grands	
				ž.	Oil, Gas and Mining	

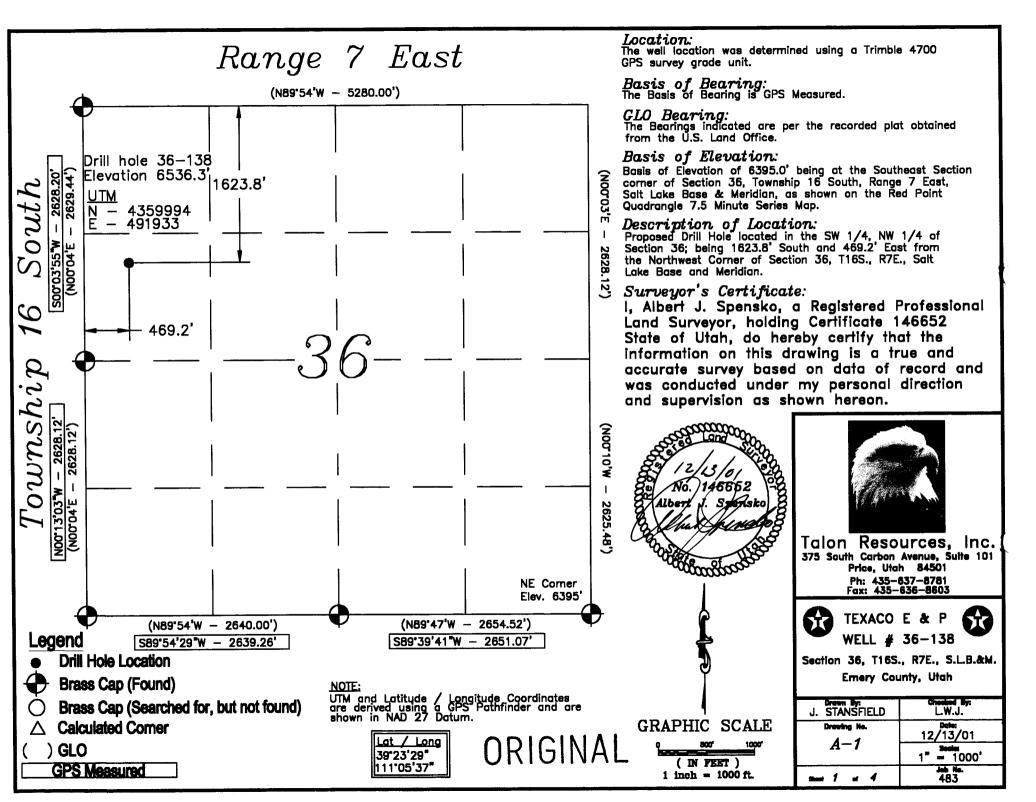


EXHIBIT "D" DRILLING PROGRAM

Attached to UDOGM Form 3
Texaco Exploration and Production, Inc.
State of Utah 36-138
SW/4 NW/4, Sec. 36, T16S, R7E, SLB & M
1624' FNL, 469' FWL
Emery County, Utah

1. The Geologic Surface Formation

Blue Gate Shale Member of the Mancos Shale

2. Estimated Tops of Important Geologic Markers

Ferron Marker -- 3870' Top of the A Coal -- 3910'

3. Projected Gas & H2O zones (Ferron Formation)

Coals and sandstones – 3870' - 4170'

No groundwater is expected to be encountered.

Casing & cementing will be done to protect potentially productive hydrocarbons, lost circulation zones, abnormal pressure zones, and prospectively valuable mineral deposits. All indications of usable water will be reported.

Surface casing will be tested to 1000 psi.

4. The Proposed Casing and Cementing Programs

HOLE	SETTING DEPTH	SIZE	WEIGHT,GRADE	CONDITION
SIZE	(INTERVAL)	(OD)	& JOINT	
12–1/4"	300'	8-5/8"	24# K-55 ST&C	New
7-7/8"	4270'	5-1/2"	17# N-80 LT&C	New

Cement Program - Every attempt will be made to bring cement back to surface.

Surface Casing: 230 sacks G + 2 % CaCl₂ + 0.25 pps cellophane flakes;

Weight: 15.8 #/gal Yield: 1.16 cu.ft/sk

Production Casing: 135 sacks 10:1 RFC Class G cement + 0.25 pps cellophane flakes;

Weight: 14.2 #/gal,

Yield: 1.62 cu.ft/sk yield.

The following shall be entered in the driller's log:

1) Blowout preventer pressure tests, including test pressures and results;

- 2) Blowout preventer tests for proper functioning;
- 3) Blowout prevention drills conducted;
- 4) Casing run, including size, grade, weight, and depth set;
- 5) How the pipe was cemented, including amount of cement, type, whether cement circulated, location of the cementing tools, etc.;
- 6) Waiting on cement time for each casing string;
- 7) Casing pressure tests after cementing, including test pressures and results.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "G" is a schematic diagram of the blowout preventer equipment. A double gate 3000 psi. BOP will be used with a rotating head. This equipment will be tested to 2000 psi. All tests will be recorded in a Driller's Report Book. Physical operation of BOP's will be checked on each trip.

6. The Type and Characteristics of the Proposed Circulating Muds

0-300 12-1/4" hole Drill with air, will mud-up if necessary.

300-TD 7-7/8" hole Drill with air.

400 psi @ 1500-1800 Scf.

7. The Testing, Logging and Coring Programs are as followed

300-TD Gamma Ray, Density, Neutron Porosity, Induction, Caliper

Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is approximately 1000 psi max. No hydrogen sulfide or other hazardous gases or fluids have been found, reported or are known to exist at these depths in the area.

8. Anticipated Starting Date and Duration of the Operations.

The well will be drilled approx.: April 2002.

Verbal and/or written notifications listed below shall be submitted in accordance with instructions from the Division of Oil, Gas & Mining:

- (a) prior to beginning construction;
- (b) prior to spudding;
- (c) prior to running any casing or BOP tests;
- (d) prior to plugging the well, for verbal plugging instructions.

Spills, blowouts, fires, leaks, accidents or other unusual occurrences shall be reported to the Division of Oil, Gas & Mining immediately.

EXHIBIT "E" <u>Multipoint Surface Use Plan</u>

Attached to UDOGM Form 3
Texaco Exploration and Production, Inc.
State of Utah 36-138
SW/4 NW/4, Sec. 36, T16S, R7E, SLB & M
1624' FNL, 469' FWL
Emery County, Utah

1. Existing Roads

- a. The proposed access road will encroach the existing Meetinghouse Canyon Road in which an encroachment is not necessary. Access will then continue from the UP&L storage ponds. Should alterations be needed to the existing paved encraochment at the diversion a permit will be secured from the Utah Department of Transportation (see Exhibit "B").
- b. We do not plan to change, alter or improve upon any other existing state or county roads. Existing roads will be maintained in the same or better condition.

2. Planned Access

- a. Approximately 120' of existing two-track road will be upgraded and utilized (see Exhibit "B").
- b. Maximum Width: 20' travel surface with a 27' base.
- c. Maximum grade: 10%.
- c. Turnouts: None.
- d. Drainage design: approximately 1-18" culvert may be required. Water will be diverted away from the planned access as necessary and practical.
- e. If the well is productive, the road will be surfaced and maintained as necessary to prevent soil erosion and accommodate year-round traffic.

3. Location of Existing Wells

a. There are five proposed wells and one existing wells within a one mile radius of the proposed well site (see Exhibit "B").

4. Location of Existing and/or Proposed Facilities

- a. If the well is a producer, installation of production facilities will follow.
- b. Buried powerlines and gathering lines will follow the proposed access road to the intersection with Meetinghouse Canyon Road which will follow the main utility corridor out of the area (see Exhibit "B").
- c. Rehabilitation of all pad areas not used for production facilities will be made in accordance with landowner stipulations.

5. Location and Type of Water Supply

- a. Water to be used for drilling will be obtained from a local water source (probably North Emery Water Users Association, a local source of municipal water).
- b. Water will be transported by truck over approved access roads.
- c. No water well is to be drilled for this location.

6. Source of Construction Materials

- a. All necessary construction materials needed will be obtained locally and hauled to the location on existing roads.
- b. No construction or surfacing materials will be taken from Federal/Indian land.

7. Methods for handling waste disposal

- a. Since the well will be air drilled, a small reserve pit will be constructed with a minimum of one-half the total depth below the original ground surface on the lowest point within the pit. The pit will not be lined unless conditions encountered during construction warrant it or if deemed necessary by the DOGM representative during the pre-site inspection. Three sides of the reserve pit will be fenced within 24 hours after completion of construction and the fourth side within 24 hours after drilling operation cease with four strands of barbed wire, or woven wire topped with barbed wire to a height of not less than four feet. The fence will be kept in good repair while the pit is drying.
- b. Following drilling, the liquid waste will be evaporated from the pit and the pit backfilled and returned to natural grade. No liquid hydrocarbons will be discharged to the reserve pit or pad location
- c. In the event fluids are produced, any oil will be retained in tankage until sold and any water produced will be retained until its quality can be determined. The quality and quantity of the water will determine the method of disposal.
- d. Trash will be contained in a portable metal container and will be hauled from location periodically and disposed of at an approved disposal site. Chemical toilets will be placed on location and sewage will be disposed of at an appropriate disposal site.

8. Ancillary Facilities

a. We anticipate no need for ancillary facilities with the exception of one trailer to be located on the drill site.

9. Wellsite Layout

- a. Available topsoil will be removed from the location and stockpiled. The location of mud tanks, reserve and burn pits, and soil stockpiles will be located as shown on Exhibit "C".
- b. A blooie pit will be located 100' from the drill hole. A line will be placed on the surface from the drill hole to the burn pit. The burn pit will not be lined, but will be fenced on four sides to protect livestock/wildlife.
- c. Access to the well pad will be as shown on Exhibit "B".
- d. Natural runoff will be diverted around the well pad.

10. Plans for Restoration of Surface

- a. All surface areas not required for producing operations will be graded to as near original condition as possible and recontoured to minimize possible erosion.
- b. Available topsoil will be stockpiled and will be evenly distributed over the disturbed areas and the area will be reseeded as prescribed by the landowner.
- c. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- d. Any oil accumulation on the pit will be removed or overhead flagged as dictated by the existing conditions.
- e. Rehabilitation will commence following completion of the well. Rat and mouse holes will be filled immediately upon release of the drilling rig from the location. If the wellsite is to be abandoned, all disturbed areas will be recontoured.

11. Surface Ownership

a. The wellsite will be constructed on lands owned by PacifiCorp (UP&L), attn: Terry Martens, 1407 West North Temple, Salt Lake City, 84116; 801-550-8467. The operator shall contact the landowner and the Division of Oil, Gas and Mining 48 hours prior to beginning construction activities.

12. Other Information:

- a. The primary surface use is wildlife habitat. The nearest dwelling is approximately 11,300' southeast. Nearest live water is Huntington Creek approximately 250' northeast.
- b. If there is snow on the ground when construction begins, it will be removed before the soil is disturbed, and piled downhill from the topsoil stockpile location.
- c. The backslope and foreslope will be constructed no steeper than 4:1.
- d. All equipment and vehicles will be confined to the access road and well pad.
- e. A complete copy of the approved Application for Permit to Drill (APD) including conditions and stipulations, shall be at the well site during construction and drilling operations.
- f. There will be no deviation from the proposed construction, drilling, and/or workover program without prior approval from the Division of Oil, Gas & Mining.

13. Company Representatives

Ron D. Wirth
Texaco Exploration and Production, Inc.
P.O. Box 618
Orangeville, Utah 84537

(435) 748-5395

Mail Approved A.P.D. To:

Company Representatives

Excavation Contractor

Nielson Construction 625 West 1300 North, North Loop Road Huntington, Utah 84528 (435) 687-2494

14. Certification

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Texaco Exploration and Production, Inc. and its subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Texaco Exploration and Production, Inc.

TYPICAL ROAD CROSS-SECTION

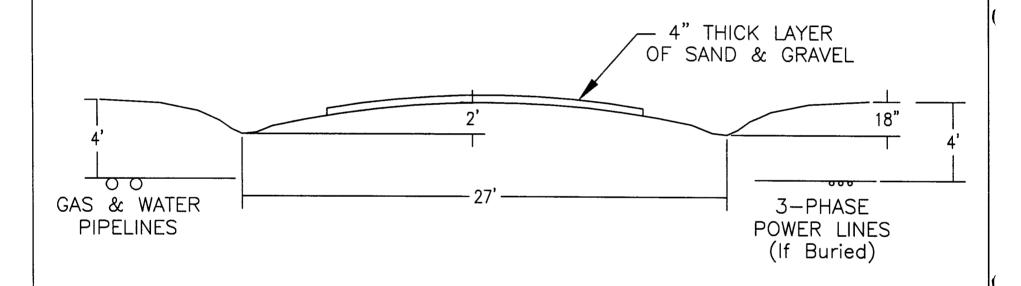
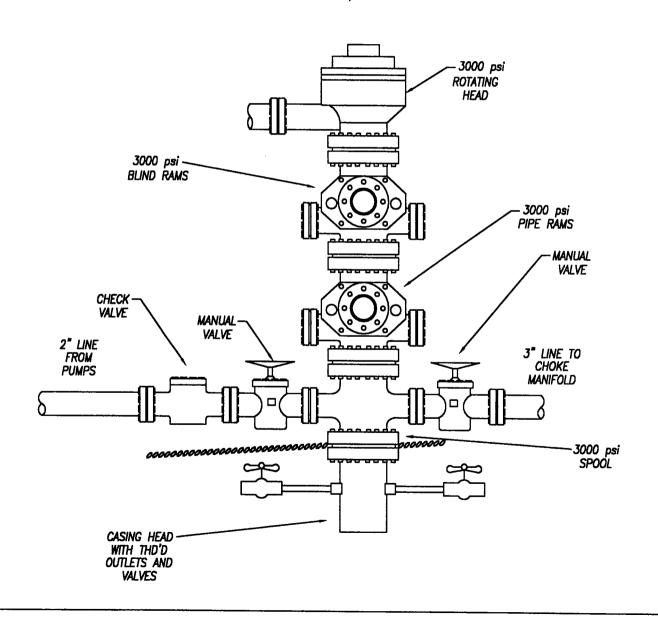
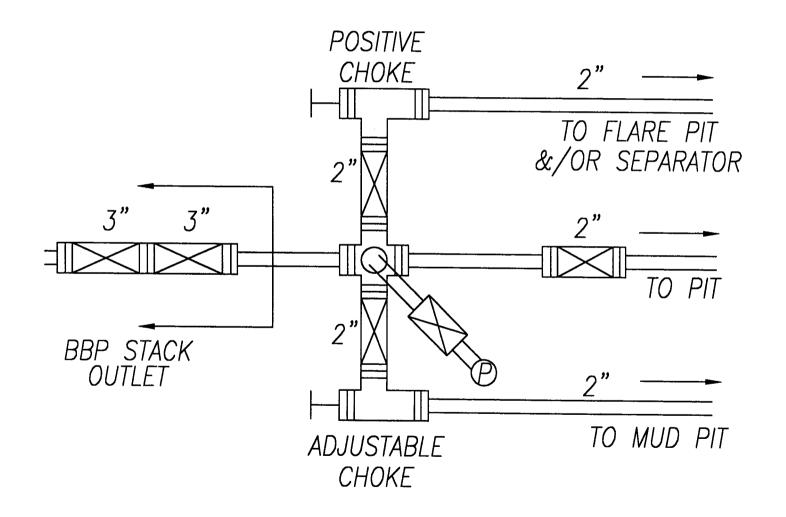


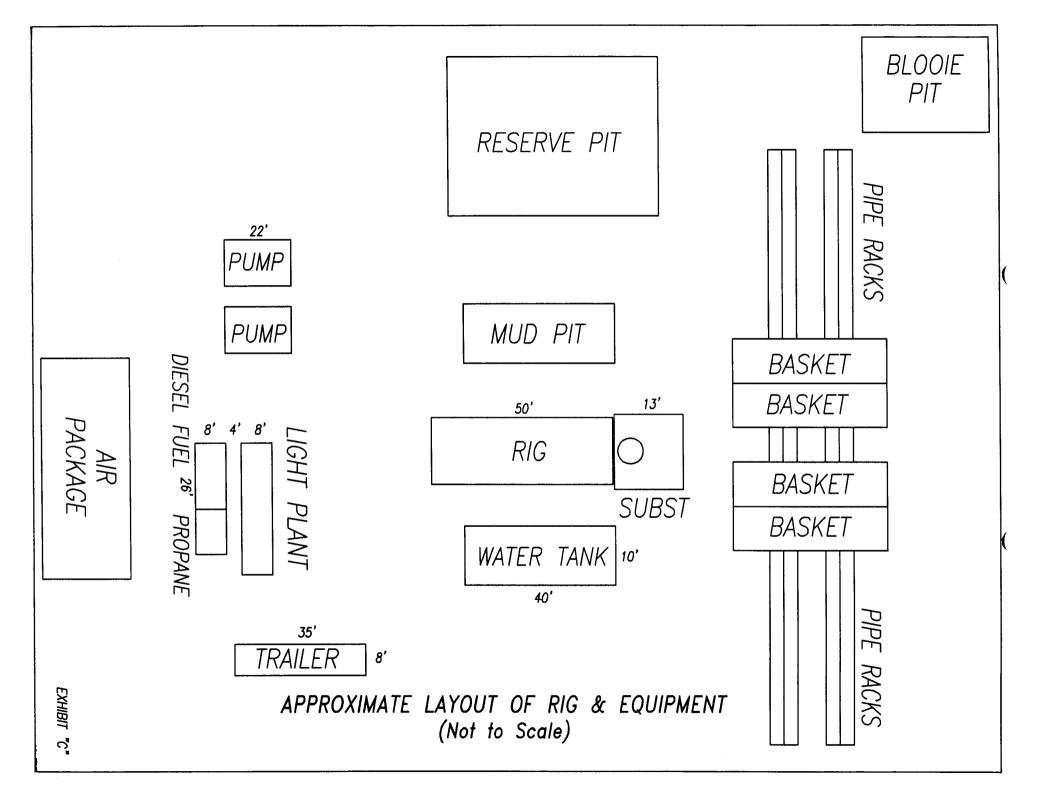
EXHIBIT "F"

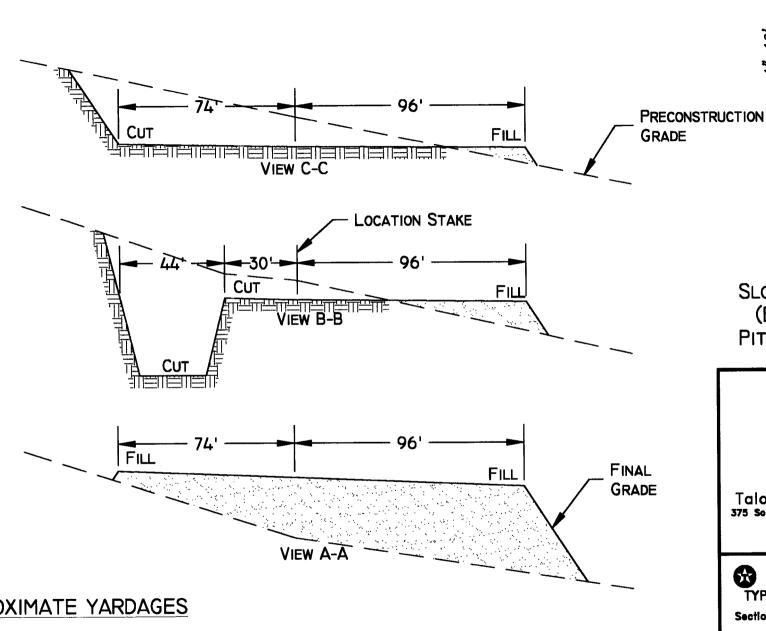
BOP Equipment 3000psi WP



CHOKE MANIFOLD







SLOPE = 1 1/2 : 1(EXCEPT PIT) PIT SLOPE = 1; 1

X-Section Scale

1"=40"



Talon Resources, Inc. 375 South Carbon Avenue, Suite 101 Price, Utah 84501 Ph: 435-637-8781 Fax: 435-636-8603

TEXACO E & P TYPICAL CROSS SECTION Section 36, T16S, R7E, S.L.B.&M. WELL #36-138

Checked By: L.W.J.			
12/12/01 1" = 40'			

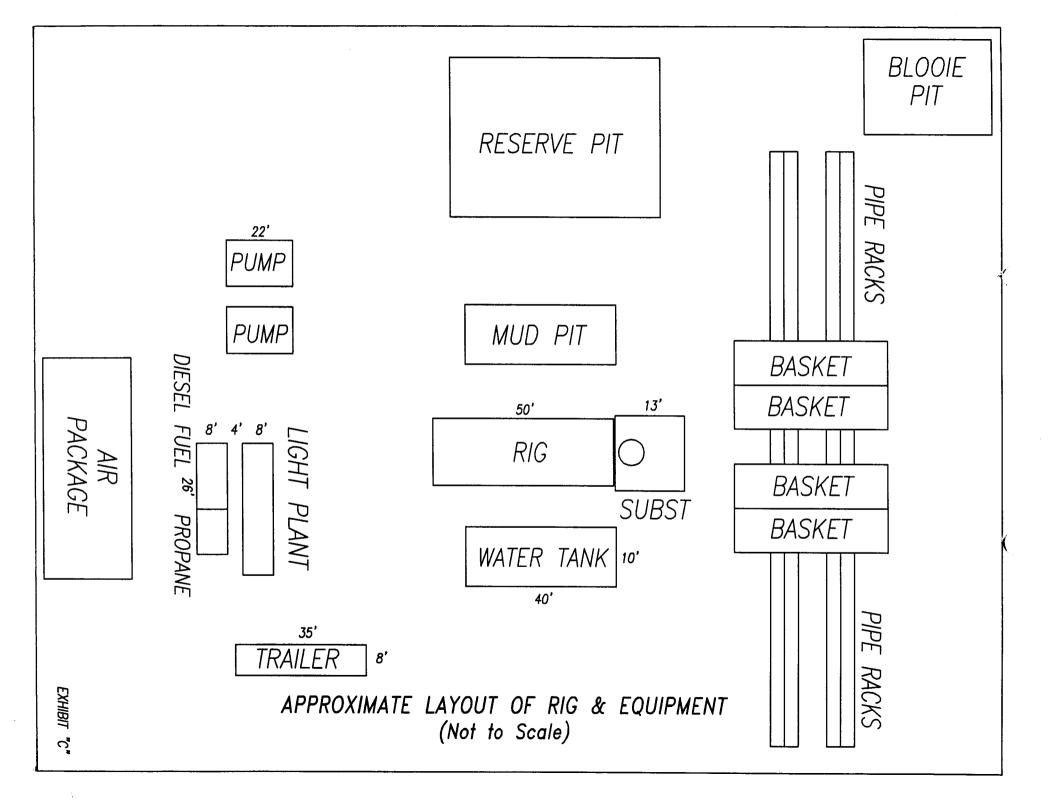
APPROXIMATE YARDAGES

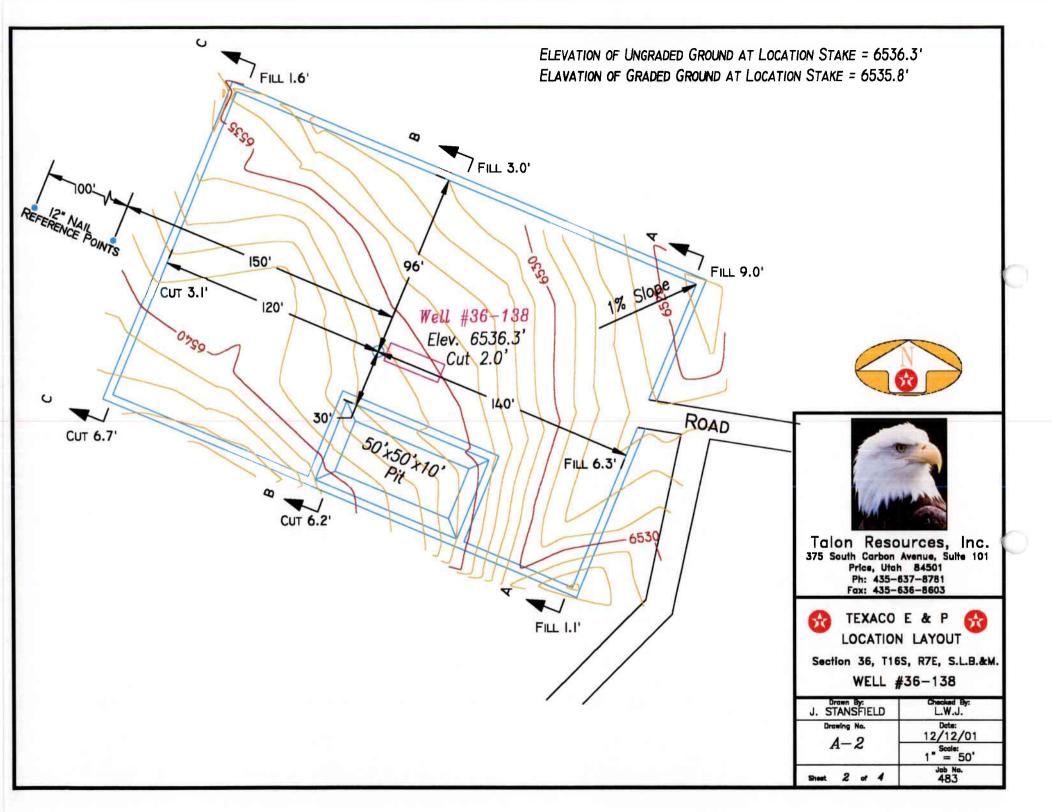
CUT

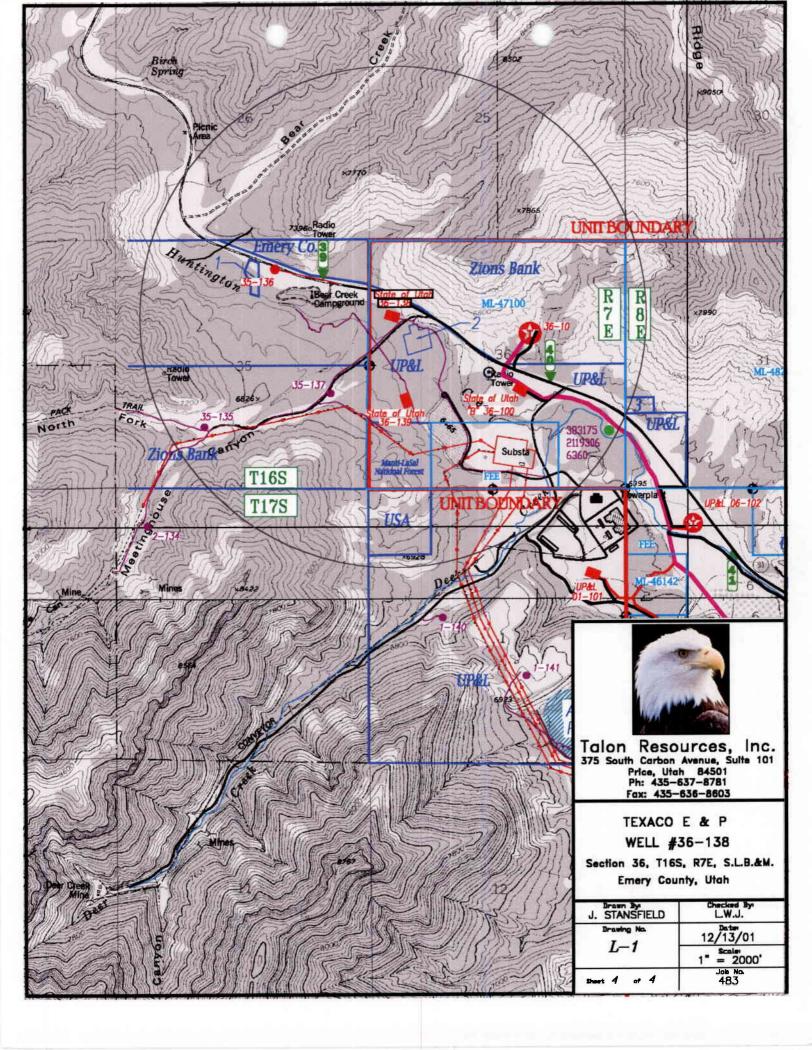
(6")Topsoil Stripping = 750 Cu. YDS.

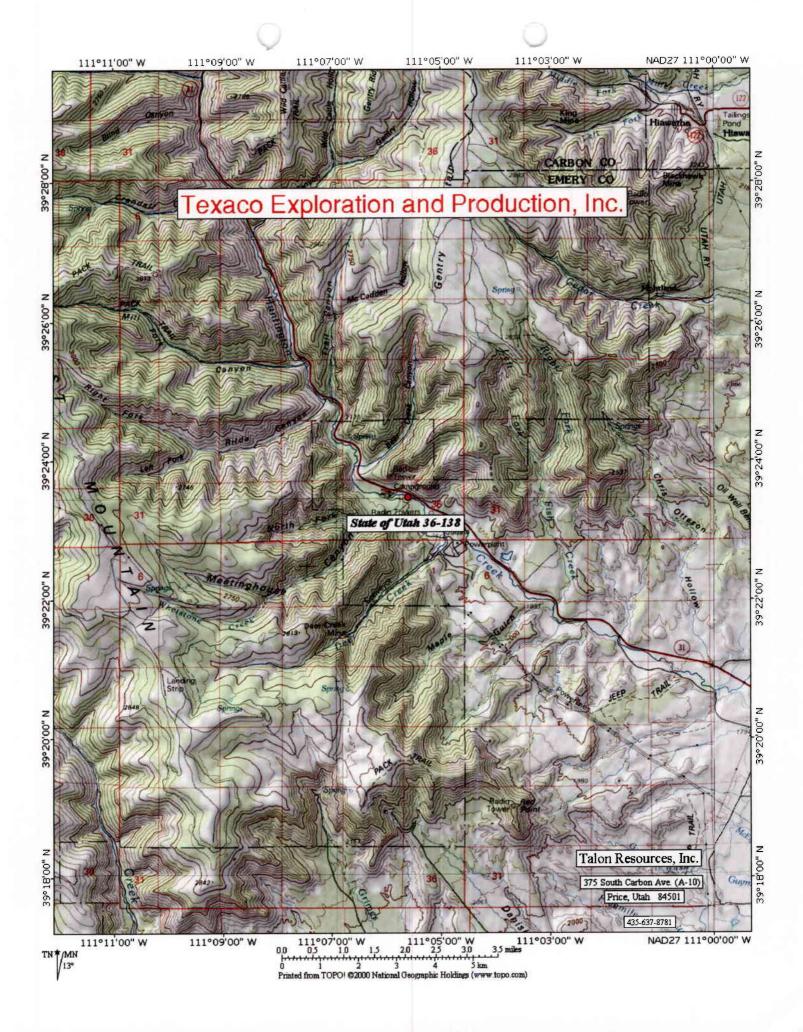
REMAINING LOCATION = 2,450 CU, YDS.

TOTAL CUT = 3,300 Cu. YDS. TOTAL FILL = 3,085 Cu. YDS.









002

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/06/2002	API NO. ASSIGN	ED: 43-015-305	50
WELL NAME: ST OF UT 36-138 OPERATOR: TEXACO E & P INC (N5700) CONTACT: RON WIRTH	PHONE NUMBER: 5	05-325-4397	
PROPOSED LOCATION:	INSPECT LOCATE	N BY: /	/
SWNW 36 160S 070E SURFACE: 1624 FNL 0469 FWL	Tech Review	Initials	Date
BOTTOM: 1624 FNL 0469 FWL EMERY	Engineering	DKD	4/3/02
BUZZARD BENCH (132)	Geology		
LEASE TYPE: 3 - State	Surface		
LEASE NUMBER: ML-47100 (1) SURFACE OWNER: 3State 4-Fig.			
PROPOSED FORMATION: FRSD			
RECEIVED AND/OR REVIEWED: Plat Bond: Fed[] Ind[] Sta[3] Fee[] (No. 6049663) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL) RDCC Review (Y/N) (Date:) Fee Surf Agreement (Y/N)	R649-3-2. Siting: 460 P R649-3-3. Drilling Un Board Caus Eff Date: Siting:	Unit HUNTINGTON General From Qtr/Qtr & 920' Exception	Between Wells Unlown. Fid lie
STIPULATIONS: 1-Statement of basis			
•			



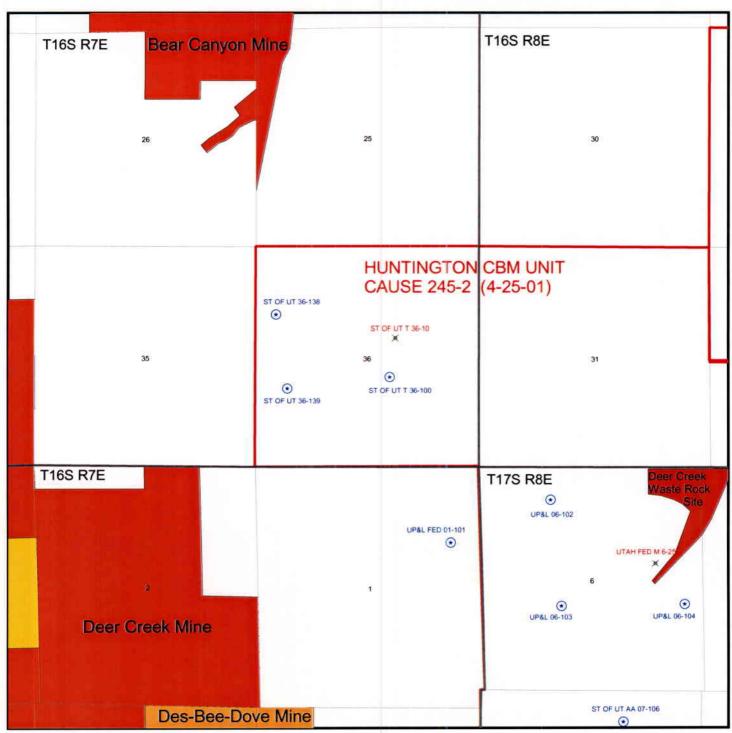
OPERATOR: TEXACO E&P INC (N5700)

SEC. 36, T16S, R7E

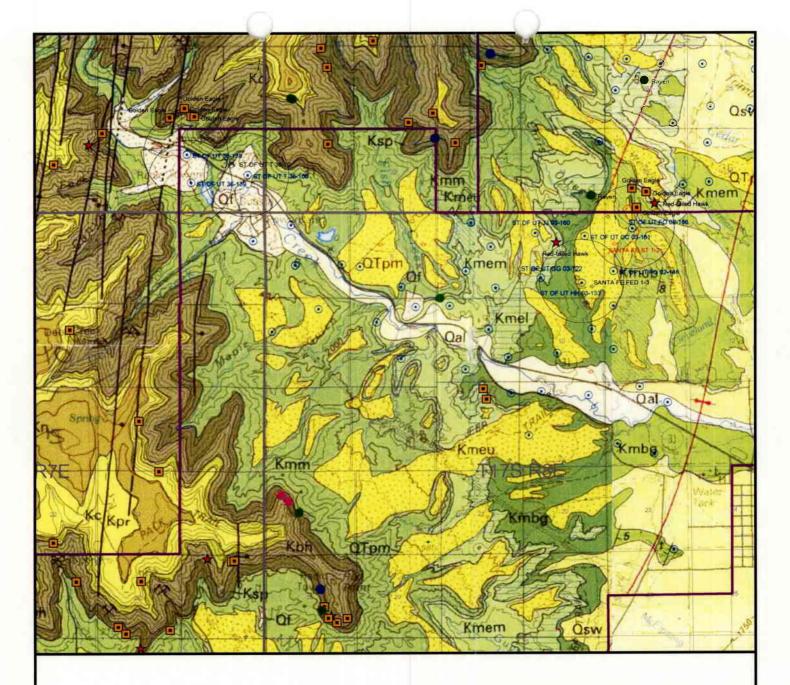
FIELD: BUZZARD BENCH (132)

COUNTY: EMERY UNIT: HUNTINGTON CBM

CAUSE: 245-2



PREPARED BY: LCORDOVA DATE: 14-FEBRUARY-2002



LEGEND

Well Status

- GAS INJECTION
- GAS STORAGE WELL
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- × TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

County Boundary
Sections

Township

Field Status

ABANDONED

ACTIVE COMBINED

INACTIVE

PROPOSED STORAGE

TERMINATED



Utah Oil Gas and Mining



Prepared By: K. Michael Hebertson

ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: Chevron-Texaco

WELL NAME & NUMBER: State of Utah 36-138

API NUMBER: 43-015-30550

LEASE: State FIELD/UNIT:

LOCATION: 1/4,1/4 SWNW Sec: 36 TWP: 16S RNG: 7E 1624' FNL 469' FWL LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): X =491927 E; Y =4359994 N SURFACE OWNER: PacifiCorp.

PARTICIPANTS

M. Jones (DOGM), B. Anderson (Emery County), D. Hamilton & A. Childs (Talon), R. Wirth, K. Ermel, K. Beam, J. Micikis, I. Kephart (Chevron-Texaco). C. Allred, K. Powell, D. Guymon (PacifiCorp). SITLA was invited but did not attend.

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Proposed location is located ~8.0 miles Northwest of Huntington Utah, and ~20 miles Southwest of Price, Utah. Access will be from the Deer Creek Mine Road. Huntington Creek, a year-round live water source, lies just North of the location ~20 feet. Huntington Power Plant also lies due East of the location ~1.0 miles. The soil is gravely to rocky clay.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife habitat and recreation.

PROPOSED SURFACE DISTURBANCE: 260' x 150' with a pit included.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: 2 proposed wells and 1 existing TA gas wells are within a 1 mile radius. Also there is 1 potable water well within this radius.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Along roadways.

SOURCE OF CONSTRUCTION MATERIAL: Locally and transported in.

ANCILLARY FACILITIES: None.

WASTE MANAGEMENT PLAN:

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. Crude oil production is unlikely. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Produced water will be gathered to the evaporation pit and eventually injected into the Navajo Sandstone via a salt-water disposal well. Used oil from drilling operations and support is hauled to a used oil recycler and reused.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: Huntington creek, a year round live water source lies North of the pad ~20 feet at its closest point.
FLORA/FAUNA: Pinion Juniper, Sagebrush, grasses, deer, small game, rodents, birds.
SOIL TYPE AND CHARACTERISTICS: Rocky, gravely clay.
SURFACE FORMATION & CHARACTERISTICS:
EROSION/SEDIMENTATION/STABILITY: Stable until disturbed.
PALEONTOLOGICAL POTENTIAL: None.
RESERVE PIT
CHARACTERISTICS: Dugout Earthen Pit.
LINER REQUIREMENTS (Site Ranking Form attached): Liner required.
SURFACE RESTORATION/RECLAMATION PLAN
As per surface use agreement.
SURFACE AGREEMENT: In negotiation.
CULTURAL RESOURCES/ARCHAEOLOGY: Will be completed and kept on file with the State.
OTHER OBSERVATIONS/COMMENTS
ATTACHMENTS
Photos of this location were taken and placed on file.
Mark L. Jones February 19, 2002 / 11:00 am DOGM REPRESENTATIVE DATE/TIME

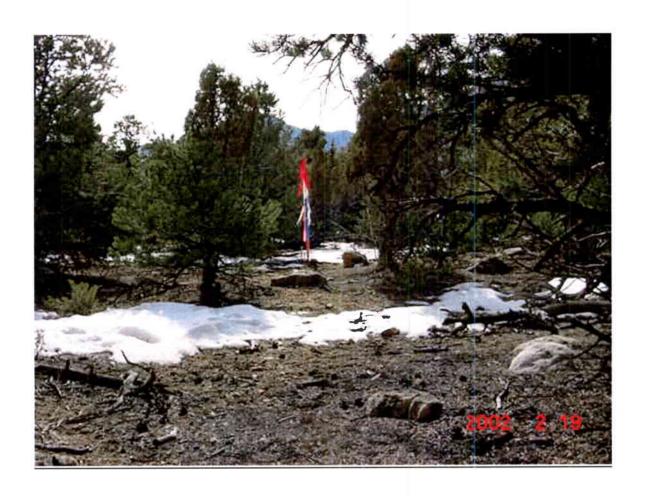
Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)	<u></u>	<u>-</u>
>200	0 5	
100 to 200 75 to 100	10	
25 to 75 <25 or recharge area	15 20	0
-	20	
Distance to Surf. Water (feet) >1000	0	
300 to 1000 200 to 300	2 10	
100 to 200	15	
< 100	20	20
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280 500 to 1320	5 10	
<500	20	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320 <300	10 20	0
Native Soil Type		
Low permeability	0	
Mod. permeability High permeability	10 20	20
Fluid Type		
Air/mist	0	
Fresh Water TDS >5000 and <10000	5 10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	0
Drill Cuttings Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches) <10	0	
10 to 20	5	
>20	10	5
Affected Populations	0	
<10 10 to 30	6	
30 to 50	8	•
>50	10	0
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown Present	10 15	15
resent	1.7	

__60___ (Level __I __ Sensitivity)

Sensitivity Level I = 20 or more; total containment is required. Sensitivity Level II = 15-19; lining is discretionary. Sensitivity Level III = below 15; no specific lining is required.

Final Score







DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR: Chevron-	Texaco					
WELL NAME & NUMBER	: State of Ut	ah 36-138				
API NUMBER: 43-015	-30550				, ,	
LEASE: State	F	'IELD/UNIT:				
LOCATION: 1/4,1/4	SWNW Sec: 36	TWP: 16S R	NG: 7E	1624′	FNL	469' FWL

Geology/Ground Water:

A review of the ground water resources for this location indicates that there are 43 points of diversion within a one mile radius of this well. This well is about 1,200' from a pond that services the Huntington Power Plant. The pond will not be adversely impacted. A moderately permeable soil is developed on Quaternary alluvial fan, which covers portions of the Upper Blue Gate Shale Member of the Mancos Shale. It is also possible that the well will penetrate several sand members of the Emery Sandstone, and that these potential aquifers will also need to be protected. The proposed surface casing and cementing program should be sufficient to ensure the protection of the pond, however it is recommended that the surface casing be extended to cover any other near surface sand bodies encountered during drilling. The well will also penetrate the probable water table established by the normal flow of Huntington Creek. The creek is less than 100 yards to the north and is active all year long. It is also the major source for agricultural water in this part of the state.

Reviewer: K. Michael Hebertson Date: 29- March-2002

Surface:

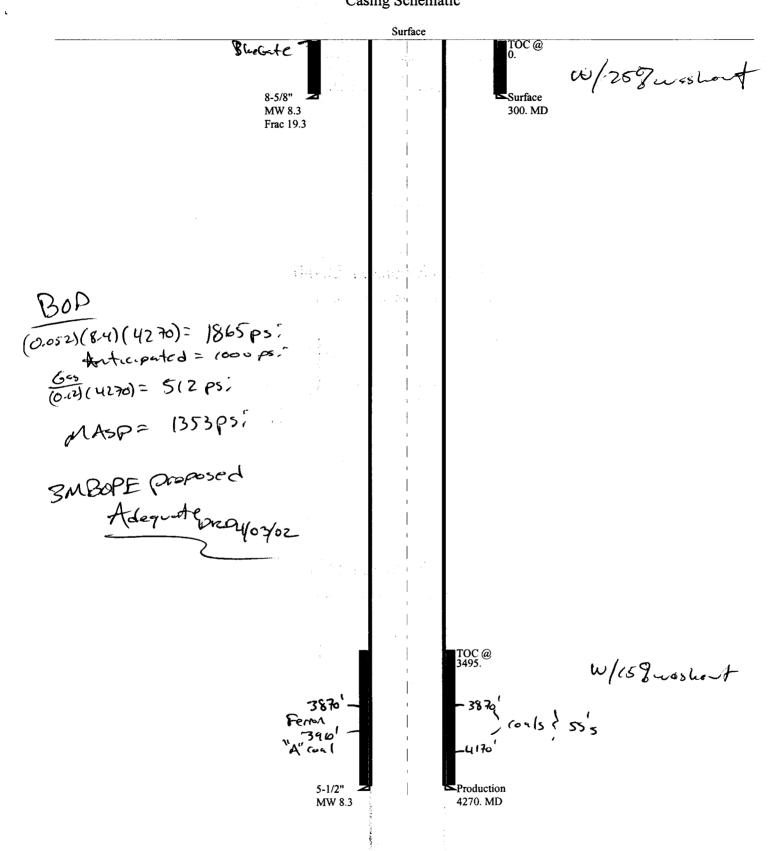
Proposed location is located ~8.0 miles Northwest of Huntington Utah, and ~20 miles Southwest of Price, Utah. Access will be from the Deer Creek Mine Road. Huntington Creek, a year-round live water source, lies just North of the location ~20 feet. Huntington Power Plant also lies due East of the location ~1.0 miles. The soil is gravely to rocky clay. Reserve pit will be located entirely in cut. Emery County was in attendance, SITLA was invited but chose not to attend.

Reviewer: Mark L. Jones Date: March 21, 2002.

Conditions of Approval/Application for Permit to Drill:

- 1. Berm the location and reserve pit.
- 2. Culverts as needed to deflect and collect runoff.
- 3. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
- 4. Extend surface casing and cement through the Emery Sandstone and into the Bluegate Shale 50'.

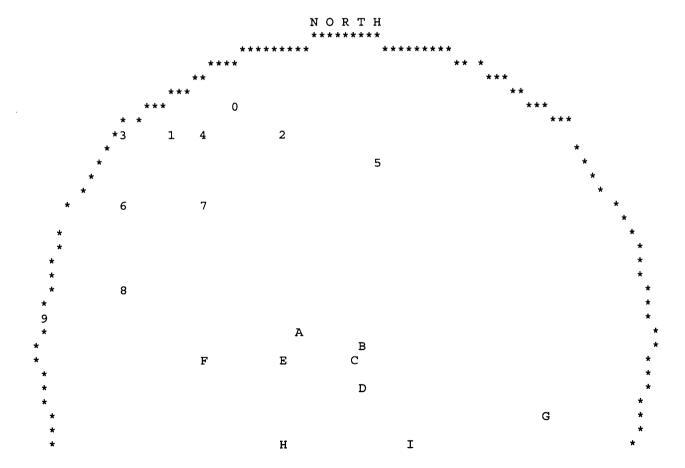
04-02 Texaco ST of UT 36 38 Casing Schematic



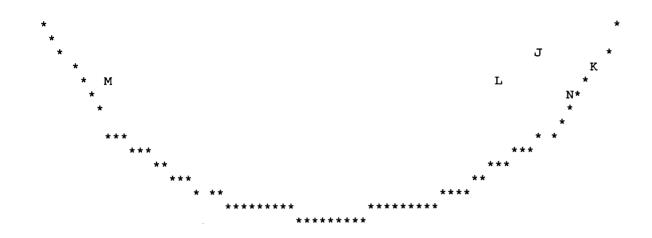
UTAH DIVISION OF WATER RIGHTS WATER RIGHT POINT OF DIVERSION PLOT CREATED FRI, MAR 29, 2002, 8:20 AM PLOT SHOWS LOCATION OF 53 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT S 1624 FEET, E 469 FEET OF THE NW CORNER, SECTION 36 TOWNSHIP 16S RANGE 7E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET



3/29/02 8:20 AM



UTAH DIVISION OF WATER RIGHTS NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTI' CFS AND/OI	TY R AC-FT	SOURCE I		CION O) NOR			OF DI		ON DI	ESCRIP TWN	TION RNG	B&M
0 <u>F</u>	2504	.0000 WATER USE(S): MUNIC Castle Valley Spec	CIPAL	See comme		Box	877	 S	90	W	1400	PRIC	RITY	16S DATE: e Dale	03/26	SL 5/19:
1 9	3 2201	80.0000 WATER USE(S): DOME: Huntington Clevelar		PAL	-	J	27	N 2	2045	E	185	PRIC		16S DATE: ngton		SL)/18:
1 9	93 2200	77.2500 WATER USE(S): DOME: Huntington Clevelar		PAL	_	_	27	n :	2045	E	185	PRIC	DRITY	16S DATE: ngton		SL 0/18:
1 9	3 2199	45.0000 WATER USE(S): DOME: Huntington Clevela	STIC MUNICIE	PAL	_		27	n :	2045	E	185	PRIC		16S DATE: ngton		SL)/18

1	93 253 150.0000 .00 Bear Canyon Sp WATER USE(S): DOMESTIC MUNICIPAL Huntington Cleveland Irrigation Company P.C	PRIORITY DATE: 00/00/18
1	a7941 392.2500 .00 Huntington Cre WATER USE(S): IRRIGATION DOMESTIC STOCKWATER Huntington-Cleveland Irrigation Company P.O.	
2	93 150 .0000 .00 Bear Creek WATER USE(S): STOCKWATERING Nevada Electric Investment Company 283	PRIORITY DATE: 00/00/18 Las Vegas
3	93 3209 .0000 .00 Huntington Cre WATER USE(S): STOCKWATERING USA Bureau of Land Management (Price Fie 125	PRIORITY DATE: 00/00/18 /
3	93 3209 .0000 .00 Huntington Cre WATER USE(S): STOCKWATERING USA Bureau of Land Management (Price Fie 125	PRIORITY DATE: 00/00/18
4	93 1182 .0000 .00 Bear Creek WATER USE(S): STOCKWATERING Peabody Coal Company 301	PRIORITY DATE: 00/00/19 North Memorial Drive St. Louis
5	E1621 .0000 80.00 6 WATER USE(S): OTHER Pacificorp dba Utah Power & Light Compan 140	100 N 1560 E 1040 NW 36 16S 7E SL PRIORITY DATE: 11/05/19 O7 West North Temple Street Salt Lake City
6	93 148 .0000 .00 Bear Creek WATER USE(S): STOCKWATERING USA Bureau of Land Management (Price Fie 129	PRIORITY DATE: 00/00/19 South 600 West Price
6	93 148 .0000 .00 Bear Creek WATER USE(S): STOCKWATERING USA Bureau of Land Management (Price Fie 129	PRIORITY DATE: 00/00/19 Price
7	93 1182 .0000 .00 Bear Creek WATER USE(S): STOCKWATERING Peabody Coal Company 30:	PRIORITY DATE: 00/00/19 1 North Memorial Drive St. Louis
8	93 147 .0000 .00 Huntington Cre WATER USE(S): STOCKWATERING USA Bureau of Land Management (Price Fie 129)	PRIORITY DATE: 00/00/18
9	a7941 392.2500 .00 Huntington Cre	eek and Tributari S 1120 W 2020 N4 35 16S 7E SL RING POWER OTHER PRIORITY DATE: 06/19/19 D. Box 327 Huntington

4 of 7

A	<u>t91-93-07</u> .0000 40.00 Huntington Creek S 1300 WATER USE(S): OTHER Nielson Construction Company P.O. Box 620	W 400	NE 35 16S 7E SL PRIORITY DATE: 10/24/19 Huntington
В	93 2223 45.0000 .00 Huntington Creek (Hunt. Plant S 1535 WATER USE(S): IRRIGATION STOCKWATERING POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327	E 785	NW 36 16S 7E SL PRIORITY DATE: 00/00/18 Huntington
В	93 2224 77.2500 .00 Huntington Creek (Hunt. Plant S 1535 WATER USE(S): IRRIGATION STOCKWATERING POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327	E 785	NW 36 16S 7E SL PRIORITY DATE: 00/00/18: Huntington
В	93 220 150.0000 .00 Huntington Creek (Hunt. Plant S 1535 WATER USE(S): IRRIGATION STOCKWATERING POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327	E 785	NW 36 16S 7E SL PRIORITY DATE: 00/00/18 Huntington
В	93 2225 80.0000 .00 Huntington Creek (Hunt. Plant S 1535 WATER USE(S): IRRIGATION STOCKWATERING POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327	E 785	NW 36 16S 7E SL PRIORITY DATE: 00/00/18: Huntington
В	93 1115 20.0000 .00 Huntington & Deer Creeks S 1535 WATER USE(S): IRRIGATION POWER Pacificorp dba Utah Power & Light Compan 1407 West North Temple	E 785	NW 36 16S 7E SL PRIORITY DATE: 12/10/19 Salt Lake City
В	93 3195 .0000 2000.00 Lake Canyon Creek (Cleveland R S 1535 WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING MUNICIPAL POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327		NW 36 16S 7E SL PRIORITY DATE: 02/28/19: Huntington
В	93 1137 .0000 3274.71 Lake Canyon Creek (Cleveland R S 1535 WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING MUNICIPAL POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327		NW 36 16S 7E SL PRIORITY DATE: 00/00/18 Huntington
В	93 951 .0000 9892.62 Miller Flat Creek (Miller Flat S 1535 WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING MUNICIPAL POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327		NW 36 16S 7E SL PRIORITY DATE: 08/03/19: Huntington
В	93 1138 .0000 50.00 Lake Canyon Creek (Cleveland R S 1535 WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING MUNICIPAL POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327		NW 36 16S 7E SL PRIORITY DATE: 00/00/18 Huntington
В	93 1139 .0000 58.00 Lake Canyon Creek (Cleveland R S 1535 WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING MUNICIPAL POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327		NW 36 16S 7E SL PRIORITY DATE: 00/00/18 Huntington
В	93 950 .0000 465.00 Rolfson Creek (Rolfson Reservo S 1535 WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING MUNICIPAL POWER OTHER Huntington Cleveland Irrigation Company P.O. Box 327		NW 36 16S 7E SL PRIORITY DATE: 01/12/19: Huntington

.0000 600.00 Lake Fork Cr ATER USE(S): IRRIGATION DOMESTIC STOCKWAT untington Cleveland Irrigation Company I	TERING MUNICIPAL POWER OTHER	85 NW 36 16S 7E SL PRIORITY DATE: 07/25/19 Huntington
.0000 2025.00 Lake Fork Cr ATER USE(S): IRRIGATION DOMESTIC STOCKWAT untington Cleveland Irrigation Company F		
0000 .25 Huntington (ATER USE(S): OTHER nergy West Mining Company F		85 NW 36 16S 7E SL PRIORITY DATE: 12/10/19 Huntington
0000 .37 Huntington (ATER USE(S): OTHER mery West Mining F	Creek & Deer Creek S 1535 E 7	85 NW 36 16S 7E SL PRIORITY DATE: 12/10/19 Huntington
0000 18365.33 (4) Unnamed ATER USE(S): IRRIGATION DOMESTIC STOCKWAT untington-Cleveland Irrigation Company 5	TERING MUNICIPAL POWER OTHER	PRIORITY DATE: 06/19/19 Huntington
0000 3000.00 Lake Fork Cr ATER USE(S): IRRIGATION DOMESTIC STOCKWAT tate of Utah Board of Water Resources	TERING MUNICIPAL MINING POWER	PRIORITY DATE: 02/28/19: Salt Lake City
0000 31264.00 Huntington (ATER USE(S): IRRIGATION MUNICIPAL POWER acificorp dba Utah Power & Light Compan 1		PRIORITY DATE: 07/30/19 Salt Lake City
.0000 .00 Huntington (ATER USE(S): STOCKWATERING acificorp dba Utah Power & Light Compan 1		PRIORITY DATE: 00/00/19 Salt Lake City
.0000 130800.00 Lake Can.,Sp ATER USE(S): IRRIGATION DOMESTIC STOCKWAN tate of Utah Board of Water Resources 1	TERING	00 W4 36 16S 7E SL PRIORITY DATE: 03/30/19 Salt Lake City
.0000 10000.00 Miller Flat ATER USE(S): IRRIGATION untington-Cleveland Irrigation Company F		PRIORITY DATE: 11/02/19 Huntington
.0000 8.79 Meetinghouse ATER USE(S): STOCKWATERING SA Bureau of Land Management (Price Fie 1	-	PRIORITY DATE: 00/00/19 Price
0000 8.79 Meetinghouse ATER USE(S): STOCKWATERING SA Bureau of Land Management (Price Fie 1	-	PRIORITY DATE: 00/00/19

E <u>s</u>	.0000 .00 Huntington Creek WATER USE(S): STOCKWATERING USA Bureau of Land Management (Price Fie 125 South 600 West	PRIORITY DATE: 00/00/18
F <u>9</u>	.0000 .00 Huntington Creek WATER USE(S): STOCKWATERING USA Bureau of Land Management (Price Fie 125 South 600 West	PRIORITY DATE: 00/00/18
G <u>F</u>	3300 240.00 8 80 <u>N</u> N 2380 W 1370 WATER USE(S): POWER Pacificorp dba Utah Power & Light Compan 1407 West North Temple Street	PRIORITY DATE: 12/09/19
Н <u>9</u>	93 203 .0000 .00 Meetinghouse Canyon Creek WATER USE(S): STOCKWATERING Zions First National Bank & Frank Armstr P. O. Box 30880	PRIORITY DATE: 00/00/19 Salt Lake City
I <u>t</u>	.0000 .37 Huntington Creek & Deer Creek WATER USE(S): OTHER Emery West Mining P.O. Box 310	PRIORITY DATE: 12/10/19 Huntington
J <u>t</u>	WATER USE(S): OTHER Nielson Construction Company N 1250 W 1350 P.O. Box 620	SE 36 16S 7E SL PRIORITY DATE: 10/24/19 Huntington
K <u>š</u>	392.2500 .00 Huntington Creek and Tributari N 1030 W 370 WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING POWER OTHER Huntington-Cleveland Irrigation Company P.O. Box 327	SE 36 16S 7E SL PRIORITY DATE: 06/19/19 Huntington
K <u>ě</u>	27940 .0000 18365.33 (4) Unnamed Reservoirs WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING MUNICIPAL POWER OTHER Huntington-Cleveland Irrigation Company 55 North Main	PRIORITY DATE: 06/19/19 Huntington
K <u>a</u>	a15762 .0000 31264.00 Huntington Creek WATER USE(S): IRRIGATION MUNICIPAL POWER Pacificorp dba Utah Power & Light Compan 1407 West North Temple	PRIORITY DATE: 07/30/19 Salt Lake City
L §	93 217 .0000 .00 Deer Creek WATER USE(S): STOCKWATERING Pacificorp dba Utah Power & Light Compan 1407 West North Temple	PRIORITY DATE: 00/00/19 Salt Lake City
м <u></u>	93 210 .0000 .00 Meetinghouse Canyon Creek WATER USE(S): STOCKWATERING Zions First National Bank & Frank Armstr P. O. Box 30880	PRIORITY DATE: 00/00/19 Salt Lake City
n g	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING	SE 36 16S 7E SL PRIORITY DATE: 03/30/19 Salt Lake City

N <u>a3812</u> .0000 10000.00 Miller Flat Creek
WATER USE(S): IRRIGATION
Huntington-Cleveland Irrigation Company P.O. Box 327

PRIORITY DATE: 11/02/19

Huntington

Lisha Cordova - Cultural Resource Inventory Status

From:

"Don Hamilton" <talon@castlenet.com>

To:

"John Baza" <ibaza.nrogm@state.ut.us>

Date:

04/02/2002 10:00 AM

Subject: Cultural Resource Inventory Status

CC:

"Lisha Cordova" < lcordova.nrogm@state.ut.us>

Mr. Baza:

As I stated earlier during our phone conversation ChevronTexaco has completed a cultural resource inventory on six of the eight wells that are slated for approval this week:

A cultural resources inventory has been completed on the following six wells slated for immediate approval:

Seeley Farms 09-117 completed 10-5-01 Seeley Farms 08-112 completed 3-21-02 State of Utah "GG" 04-115 completed 3-21-02 State of Utah "BB" 08-113 completed 10-5-01 State of Utah "GG" 04-116 completed 10-5-01 completed 10-5-01 State of Utah "AA" 07-105

The other two wells are further down the priority list and will be completed within the next few weeks:

State of Utah 14-170

pending

State of Utah "GG" 15-128

pending

Both the 10-5-01 and the 3-21-02 reports were completed by Montgomery Archaeological Consultants and are on file at the SHPO office.

I have attached an updated spreadsheet reflecting other wells that have their cultural resource inventory in place at this time to serve a reference for future permits that may follow in the weeks ahead. It also reflects a priority list that ChevronTexaco has assigned that may be of some value to you.

Please feel free to contact me if you have any questions or need additional information.

Don Hamilton Talon Resources, Inc. 435-637-8781

2002 Cultural Inventory Checklist

Priority	WELL NAME	CULTURAL	ON-SITE	COUNTY	ST. APD	ST. APD	Section	Township	Footages
	& NUMBER	INVENTORY	CONDUCTED	PERMIT	FILED	API Number	1/4-1/4	Range	From sec. Line
1	Seeley Farms 08-112	03/21/2002	11-13-01	11/08/2001	09/19/2001	43-015-30495	NE NE	17 \$ 8 E	580' FNL, 1167' FEL
2	Seeley Farms 09-117	10/05/2001	11-13-01	11/08/2001	09/24/2001	43-015-30501	NW NW	17 S 8 E	500' FNL, 962' FWL
3	Conover 14-171	03/21/2002	01/18/2002	sub. 12/27/01	12/17/2001		NW SW	17 S 8 E	1461' FSL, 773' FWL
4	Malone 14-131	03/21/2002		10/26/2001	03/18/2002		SW NW	17 S 8 E	1935' FNL, 1183' FWL
5	Sate of Utah "FO" 02-188	03/21/2002	03/26/2002	sub 3-26-02	02/15/2002		NE SE	17 S 8 E	1721' FSL, 611 FWL
6	State of Utah "HH" 03-133	03/21/2002	03/26/2002	11/08/2001	09/24/2001		SE SE	17 S 8 E	1154' FSL, 1093' FEL
7	State of Utah "T" 38-100	03/21/2002	02/19/2002	11/08/2001	10/09/2001		NE SE	16 S 7 E	2355' FSL, 1010' FEL
8	State of Utah 36-136	03/21/2002	02/19/2002	sub 2-14-02	02/01/2002		SW NW	16 S 7 E	1624' FNL, 469' FWL
9	State of Utah "GG" 3-122	03/21/2002	03/26/2002	11/08/2001	09/24/2001		sw sw	17 S 8 E	1256' FSL 1260' FWL
10	State of Utah "CC" 03-161	03/21/2002	03/26/2002	aub 2-14-02	02/01/2002		SE NE	17 S 8 E	1483' FNL, 1223' FEL
11	State of Utah "BB" 04-116	10/05/2001	12/3/01	11/08/2001	10/09/2001		SW SE	17 S 8 E	623' FSL, 1565' FEL
12	State of Utah "GG" 04-115	03/21/2002	12/3/01	11/08/2001	10/09/2001		NE SW	17 S 8 E	1690' FSL, 1877' FWL
13	State of Utah "BB" 08-113	10/05/2001	12/11/2001	11/08/2001	09/19/2001		NW SE	17 S 8 E	1827' FSL, 2093' FEL
14	State of Utah "BB" 09-119	Complete	10/27/2000	01/25/2001	09/08/2000	43-015-30437	SE SW	17 S 8 E	820' FSL, 1954' FWL
15	State of Utah "AA" 7-105	10/05/2001	11/27/2001	11/08/2001	09/19/2001		SW NW	17 S 8 E	2159' FNL, 463' FWL
16	State of Utah 36-139	03/21/2002	02/19/2002	sub. 12/27/01	12/17/2001		NW SW	16 \$ 7 E	1878' FSL, 747' FWL
17	UP&L Federal 01-101	10/05/2001	11/27/2001	11/08/2001	10/25/2001		SE NE	17 S 7 E	1805' FNL, 691' FEL
18	Utah Federal "KK" 01-141	03/21/2002					NW SE	17 S 7 E	1741' FSL, 2057' FEL
19	Utah Federal "KK" 01-140	03/21/2002		03/29/2002	03/27/2002		SE NW	17 \$ 7 E	2652' FNL, 1511' FWL
20	State of Utah "FO" 02-186		03/26/2002	sub 2-14-02	02/07/2002		NE NW	17 S 8 E	1009' FNL, 1740' FWL
21	SWD #3 (Ferron recompletion)	Complete							
22	Existing Chandler Well								

ALTERNATE LOCATIONS:

1	State of Utah "GG" 15-128		12/11/2001	11/08/2001	09/24/2001		NW SW	17 S 8 E	2006' FSL, 615' FWL
2	State of Utah "GG" 15-184							17 S 8 E	1575' FSL, 2040' FEL
3	State of Utah "JJ " 03-160		03/26/2002	sub 2-14-02	02/07/2002		NW NW	17 S 8 E	1291' FNL 899' FWL
4	State of Utah "B8" 04-158			sub 3-26-02	02/15/2002		NE NW	17 S 8 E	627' FNL, 2190' FWL
5	State of Utah "BB" 04-159			sub 3-26-02	02/15/2002		SW NE	17 S 8 E	2147' FNL, 1858' FEL
6	Federal C 23-84	Completed	01/20/2000		01/26/2000	43-015-30447	NE SW	18 S 7 E	2051' FSL, 1548' FWL
7	State of Utah 01-97		12/03/2001	10/26/2001	10/25/2001	43-015-30498	SE NE	18 S 7 E	1859' FNL, 753' FEL
8	State of Utah "II" 36-96		12/03/2001	10/26/2001	10/25/2001	43-015-30508	NE SE	17 S 7 E	1922' FSL, 764' FEL
9	#16-162								
10	State of Utah "KK" 32-144							16 S 8 E	
11	State of Utah "KK" 32-145							18 S 8 E	
12	State of Utah "II" 36-95		12/03/2001	10/26/2001	10/25/2001	43-015-30509	SW NE	17 S 7 E	2022' FNL, 2130' FEL
LO	#11-174								
LO	#11-172								•
LO	Burnside 14-132	10/05/2002	10/05/2001	11/08/2001	10/09/2001		NW NE	17 S 8 E	1276' FNL, 1439' FEL
LO	State of Utah 14-170		01/18/2002	sub. 12/27/01	12/17/2001		SW SE	17 S 8 E	809' FSL, 2292' FEL
LO	31-20								
LO	6-17								
LO	6-18								
LO	31-21								
LO	31-22								
LO	Utah Federal "P" 12-153		03/19/2002	sub 2-14-02	02/01/2002		NW NW	18 S 7 E	276' FNL 975' FWL
LO	#8-148								
			•						

04/02/2002 Page 1

Well name:

04-02 Texaco ST of UT 36-138

Operator:

Location:

Texaco E&P

String type:

Surface

Emery County, Utah

Project ID:

43-015-30550

Design parameters:

Collapse

Mud weight:

8.330 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

Environment: H2S considered?

Surface temperature: Bottom hole temperature:

65 °F 69 °F

No

Temperature gradient: Minimum section length: 1.40 °F/100ft 300 ft

Burst:

Design factor

1.00

1.80 (J)

1.80 (J)

Cement top:

Surface

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

0 psi 0.433 psi/ft 130 psi

No backup mud specified.

Tension:

8 Round STC:

8 Round LTC: Buttress:

Body yield:

1.60 (J) 1.50 (J) Premium:

1.50 (B)

Tension is based on air weight. Neutral point:

... ** 24 4. 14 14 ** 1

Non-directional string.

Re subsequent strings:

Next setting depth: Next mud weight:

8.330 ppg Next setting BHP: 1,848 psi 19.250 ppg Fracture mud wt:

Fracture depth: Injection pressure

300 ft 300 psi

4,270 ft

Run	Segment		Nominal		End	True Vert	Measured	Drift	Internal
Seq	Length (ft)	Size (in)	Weight (lbs/ft)	Grade	Finish	Depth (ft)	Depth (ft)	Diameter (in)	Capacity (ft³)
1	300	8.625	24.00	K-55	ST&C	300	300	7.972	14.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	130	1370	10.56	130	2950	22.73	7	263	36.54 J

Prepared

Dustin K. Doucet

by:

Utah Dept. of Natural Resources

Phone: (801) 538-5281

FAX: (801)359-3940

Date: April 3,2002 Salt Lake City, Utah

N/A.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

4.34

whiteher is ering spilotek

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

100

Well name:

04-02 Texaco ST of UT 36-138

Operator: String type:

Location:

Texaco E&P

Production

Design is based on evacuated pipe.

Emery County, Utah

Project ID:

43-015-30550

Design parameters: Collapse

Mud weight:

Minimum design factors:

Collapse:

Design factor 1.125 **Environment:**

H2S considered? Surface temperature: No 65 °F

Bottom hole temperature: Temperature gradient:

125 °F 1.40 °F/100ft

Minimum section length: 1,500 ft

Burst: Design factor

1.00

Cement top:

3,495 ft

Burst

Max anticipated surface

pressure: Internal gradient: Calculated BHP

0 psi 0.433 psi/ft

1,848 psi

8.330 ppg

-

No backup mud specified.

Tension:

8 Round STC: 1.80 (J) 8 Round LTC: 1.80 (J)

Buttress: 1.60 (J) Premium: 1.50 (J) Body yield: 1.50 (B)

Tension is based on air weight. Neutral point: 3,731 ft

A CAMBIN FOR DRIVE

Non-directional string.

True Vert Measured Drift Internal End **Nominal** Run Segment Depth Diameter Capacity **Finish** Depth Weight Length Size Grade Seq (ft³) (ft) (in) (in) (lbs/ft) (ft) (ft) LT&C 4270 4270 4.767 147.1 5.5 17.00 N-80 1 4270 **Tension** Burst Tension Tension Collapse Collapse Collapse **Burst Burst** Run Load Strength Design Load Strength Design Load Strength Design Seq (Kips) (Kips) **Factor Factor** (psi) (psi) **Factor** (psi) (psi) 4.79 J 73 348 1848 7740 4.19 1 1848 6290 3.40

the figure policy of the first part of

Burth grant

A SHOULDEN

Prepared

Dustin K. Doucet

Utah Dept. of Natural Resources by:

Phone: (801) 538-5281

FAX: (801)359-3940

Date: April 3,2002 Salt Lake City, Utah

N/A.

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.





Michael O. Leavitt Governor Kathleen Clarke **Executive Director** Lowell P. Braxton

DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 801-538-5340 801-359-3940 (Fax) Division Director 801-538-7223 (TDD)

April 3, 2002

Texaco Exploration & Production Inc PO Box 618 Orangeville UT 84537

Re:

State of Utah 36-138 Well, 1624' FNL, 469' FWL, SW NW, Sec. 36, T. 16 South,

R. 7 East, Emery County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30550.

Sincerely,

John R. Baza

Wil Thunt

er

Enclosures

cc:

Emery County Assessor

SITLA

Operator:	Texaco Exploration & Production Inc	
Well Name & Number	State of Utah 36-138	
API Number:	43-015-30550	
Lease:	ML 47100	

Location: SW NW Sec. 36 T. 16 South R. 7 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.
- 5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)



Chevron U.S.A. Production Company Mid-Continent Business Unit P.O. Box 36366 Houston, TX 77236 Phone 713 754 2000

April 9, 2002

Mr. John Baza, Associate Director of Oil and Gas Utah Department of Natural Resources Division of Oil, Gas & Mining 1594 W. North Temple St., Suite 1210 Salt Lake City, UT 84114-5801 REGEIVED

DIVISION OF DIE, GAS AND MINING

Dear Mr. Baza:

As you may recall from our meeting last year, we planned to combine the assets of Chevron U.S.A. Inc. ("CUSA"), by merger, and Texaco Exploration and Production Inc. ("TEPI"), by assignment, into a new entity which we referred to as "Newco LP". Along the way, additional information came to light and it was decided that this proposed corporate restructure would not be preferable. Therefore, CUSA and TEPI have continued to operate as separate entities.

We are now planning a simpler restructuring process where TEPI will assign most of its assets/operatorship to CUSA effective May 1, 2002. We plan to use the existing CUSA bonds/letters of credit, operator identification numbers, etc., for the TEPI assets that will be assigned.

A task force of Land, Regulatory and Environmental Compliance personnel are finishing the work that was begun last year to assign TEPI's assets—using the same forms and procedures as before. We have "new faces" in this task force due to reassignments and departures. In some cases, it may be worthwhile to visit you and your staff in person where new people are involved or if we need to review/clarify your forms and procedures. Otherwise, we will endeavor to complete the work to assign TEPI's assets/operatorship to CUSA and deliver the requisite materials to you in a timely manner.

During discussions last year, our focus was on Land, Regulatory and Environmental matters. The Finance organization also desires to join in this effort. For State Tax, Royalty and Regulatory reporting purposes (applicable to production from May 2002 through December 2002), we intend to generate two reports and two payments.



However, the reporting company name and identification number will be CUSA's. Beginning with January 2003 production and thereafter, we will issue only one CUSA report and payment. We trust this plan meets with your approval. Any questions or comments should be directed to Rick Dunlavy (telephone 713/752-7411, rickdunlavy@chevrontexaco.com).

We appreciate the cooperation and guidance you provided us in the past, and we look forward to bringing these efforts to a conclusion.

Respectfully submitted,

Don R. Sellars

Sr. Environmental Specialist

Chevron U. S. A. Inc Permian Business Unit Aneth Operations San Juan County, Utah

Name / Operatorship Change Texaco Exploration and Production Inc to Chevron U. S. A Inc.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	36	160S	070E	4301530506	ST OF UT T 36-100	3		DRL
N5700	36	160S	070E	4301530268	ST OF UT T 36-10	3	P	GW
N5700	36	160S	070E	4301530530	ST OF UT 36-139	3		DRL
N5700	36	160S	070E	4301530550	ST OF UT 36-138	3		DRL
N5700	36	170S	070E	4301530382	UTAH STATE 36-78	3	P	GW
N5700	36	170S	070E	4301530508	ST OF UT II 36-96	3		DRL
N5700	36	170S	070E	4301530509	ST OF UT II 36-95	3		DRL
N5700	02	170S	080E	4301530533	ST OF UT FO 02-186	3		DRL
N5700	02	170S	080E	4301530553	ST OF UT FO 02-188	3	P	GW
N5700	03	170S	080E	4301530499	ST OF UT GG 03-122	3		DRL
N5700	03	170S	080E	4301530500	ST OF UT HH 03-133	3	P	GW
N5700	03	170S	080E	4301530549	ST OF UT JJ 03-160	3		APD
N5700	03	170S	080E	4301530552	ST OF UT CC 03-161	3		DRL
N5700	04	170S	080E	4301530503	ST OF UT BB 04-116	3	P	GW
N5700	04	170S	080E	4301530504	ST OF UT GG 04-115	3	P	GW
N5700	04	170S	080E	4301530554	ST OF UT BB 04-158	3		APD
N5700	04	170S	080E	4301530555	ST OF UT BB 04-159	3		APD
N5700	05	170S	080E	4301530479	ST OF UT BB 05-107	3	P	GW
N5700	05	170S	080E	4301530480	ST OF UT BB 05-108	3	P	GW
N5700	05	170S	080E	4301530481	ST OF UT BB 05-109	3	P	GW
N5700	05	170S	080E	4301530482	ST OF UT BB 05-110	3	P	GW
N5700	07	170S	080E	4301530396	ST OF UT AA 07-106	3	P	GW

N5700	07	170S	080E	4301530497	ST OF UT AA 07-105	3	P	GW
N5700	08	170S	080E	4301530496	ST OF UT BB 08-113	3		DRL
N5700	09	170S	080E	4301530437	ST OF UT BB 09-119	3		DRL
N5700	09	170S	080E	4301530444	ST OF UT BB 09-120	3	P	GW
N5700	10	170S	080E	4301530438	ST OF UT CC 10-124	3	P	GW
N5700	10	170S	080E	4301530454	ST OF UT CC 10-123	3	P	GW
N5700	10	170S	080E	4301530458	ST OF UT FF 10-125	3	P	GW
N5700	11	170S	080E	4301530459	ST OF UT FF 11-129	3	P	GW
N5700	11	170S	080E	4301530462	ST OF UT FF 11-130	3	P	GW
N5700	14	170S	080E	4301530528	ST OF UT 14-170	3		APD
N5700	15	170S	080E	4301530502	ST OF UT GG 15-128	3		APD
N5700	31	170S	080E	4301530439	ST OF UT DD 31-98	3	S	GW
N5700	06	170S	090E	4301530393	ST OF UT EE 06-138	3		APD
N5700	01	180S	070E	4301530381	UTAH STATE 1-76	3	P	GW
N5700	01	180S	070E	4301530498	ST OF UT 01-97	3		DRL
N5700	02	180S	070E	4301530270	ST OF UT U 2-11	3	P	GW
N5700	02	180S	070E	4301530306	ST OF UT U 2-48	3	P	GW
N5700	02	180S	070E	4301530308	ST OF UT U 2-50	3	P	GW
N5700	02	180S	070E	4301530309	ST OF UT U 2-49	3	P	GW
N5700	16	180S	070E	4301530311	ST OF UT X 16-66	3	P	GW
N5700	16	180S	070E	4301530312	ST OF UT X 16-65	3	P	GW

ST. OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

	!		DIL, GAS AND MI			5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List of Wells
	SUNDRY	NOTICES A	ND REPORT	S ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: BLM & State of Utah
Do	not use this form for proposals to drill no	ew wells, significantly dee sterals. Use APPLICATIC	epen existing wells below cur N FOR PERMIT TO DRILL	rrent bottom-hole der form for such propos	oth, reenter plugged wells, or to als.	7. UNIT OF CA AGREEMENT NAME: Orangeville & Huntington
1. T	OIL WELL	GAS WE	LL OTHER	Operator Nar	ne Change	8. WELL NAME and NUMBER: See Attached List of Wells
	AME OF OPERATOR: NEVFON U.S.A. Inc.	· · · · · · · · · · · · · · · · · · ·				9. API NUMBER:
3. A	DDRESS OF OPERATOR:	11	TV.	77000	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
	O. Box 36366 CITY DOCATION OF WELL	_y Houston	STATE TX ZIF	,77236	(281) 561-3443	
F	OOTAGES AT SURFACE: See At	ttached List of V	Vells			COUNTY: Emery
Q	TR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN:				STATE: UTAH
11.	CHECK APPR	ROPRIATE BOX	KES TO INDICAT	TE NATURE	OF NOTICE, REPOR	RT, OR OTHER DATA
-	TYPE OF SUBMISSION			T	YPE OF ACTION	
	NOTICE OF INTENT	ACIDIZE		DEEPEN		REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING		FRACTURE	TREAT	SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR	₹	NEW CONS	TRUCTION	TEMPORARILY ABANDON
		CHANGE TO PR	EVIOUS PLANS	✓ OPERATOR	CHANGE	TUBING REPAIR
		CHANGE TUBIN	G	PLUG AND	ABANDON	VENT OR FLARE
	SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL	NAME	PLUG BACH	(WATER DISPOSAL
	Date of work completion:	CHANGE WELL	STATUS	PRODUCTION	ON (START/RESUME)	WATER SHUT-OFF
		COMMINGLE PR	RODUCING FORMATIONS	RECLAMAT	ION OF WELL SITE	Operator Name Change (Merger)
		CONVERT WELL	TYPE	RECOMPLE	TE - DIFFERENT FORMATION	
Eff pre of ST	eviously operated by Tex Huntington, Emery Cour	evron U.S.A. Ind xaco Exploratio nty, Utah. Thes 103521627-00	c. is the new oper n and Production se Wells will be po 016 in the amoun	rator of the a Inc. The su rotected by th t of \$80,000.	ttached list of subject bject wells are locate ne following surety bo (This bond will repla	wells and leases that were d North of Orangeville and North onds: ce United Pacific Insurance
BL	M Nationwide Bond#: \	J89-75-81-0034	in the amount of	f \$300,000.		
Ke	y Contacts:				R	ECEIVED
Ro	n Wirth - Operations Su	nervisor - 435 7	748-5395 x1		• 1	COLIVED
110	Texaço Exploration	•				MAY 0 6 2002
	All Inth	-				
	J. Purdy, Attor	rney-In-Fact	:		OIL	DIVISION OF , GAS AND MINING
NAM	E (PLEASE PRIM) Allen S	. Robinson		TITL	Attorney-In-F	'act
	ATURE Ullu S	John S		DAT	April 30, 200	02
 ,						

(This space for State use only)



AFFIDAVIT

STATE OF TEXAS

COUNTY OF HARRIS

W. E. Herrington, of lawful age, being first duly sworn, on oath deposes and says that he is familiar with the following wells to be located and drilled in Township 17 South, Range 7 East, Emery County, Utah:

WELLS:

Federal KK 01-140

Federal KK 01-141 UP&L Federal 01-101

and further deposes and says that he is familiar with the following wells to be located and drilled in Township 16 South, Range 7 East, Emery County, Utah:

WELLS:

State of Utah 36-138

State of Utah 36-139

and that he is also familiar with <u>PacifiCorp, dba Utah Power and Light Company</u> who on the <u>/O</u> day of June, 2002, agreed to sign a Non-Exclusive Surface Use Agreement in favor of Chevron U.S.A. Inc. and that said Non-Exclusive Surface Use Agreement grants Chevron U.S.A. Inc. the full use of all roads and pipeline access to said wells for the consideration stated therein.

Further affiant saith not.

W. E. Herrington Landman Coalbed Methane Group

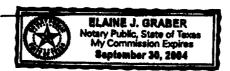
STATE OF TEXAS § COUNTY OF HARRIS §

This instrument was acknowledged before me this ______ day of June, 2002, by W.E. Herrington

WITNESS my hand and official seal.

Notary Public in and for the State of Texas

My Commission expires:



RECEIVED

JUN 1 0 2002

DIVISION OF GAS AND MINING



T/6S RO7E : C-36 105 105 ChevronTexac: BUZZARD BENCH STATE OF UTAH 36-138



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Field:		BUZZA	RD BE	NCH		Leas	I pase.				TE OF UTAH			#:		36-13	8	Date: 13-Jun-02			

Daily Cost Estimate EXPENSE CAPITAL UWDCBD2007DRL WBS#: WBS# Chevron Vendor Daily Cum Daily Cum Description Cost Element 7,700 7,700 7,700 SAUER RIG 30 \$ 7700/DAY 74400001 Rig - Daywork 0 74400002 Rig - Footage / Turnkey BILL JR RATHOLE 24,057 24,057 24,057 0 0 0 0 71290100 Fuel - Diesel / Motor Fuels 0 0 0 0 71290300 Utilities - Other (potable water) 0 RIG MOVE 12,000 12,000 12,000 0 74400003 Rig Up / Rig Down 0 43,757 0 43,757 **Rig Costs Total** 0 66010100 Payroll & Other Benefits CHEVRONTEXACO 1,000 1,000 1,000 0 0 4,000 4,000 4,000 0 70000100 Contract Labor (Roustabouts) GARDINER & NIELSON n C 0 0 70000300 Contract Labor (Consultants) Supervision Total 0 0 5.000 5.000 0 0 71400100 Chemicals & Treating Agents 74400004 Drilling Fluids 405 405 405 0 C 0 0 0 0 0 0 71900500 Materials, Supply, Repair Parts 0 405 405 0 Mud, Materials Total 0 0 0 n 73400300 Other Transportation Services 0 0 74400006 Dir. Survey and Service Costs 2,326 2,326 2,326 0 0 **12 1/4 DRILL BIT** 74400007 Drill String Rentals and Bits 1,355 0 0 1,355 72300100 Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE 200 1,000 DRILL COLLARS 150 FORKLIFT RAMS 3,600 0 0 0 74500100 Contract Equip. & Serv. (w/ Oper) 3,600 WEATHERFORD 0 0 0 75100300 X-Ray & Insp. Serv 0 76200300 Comunnications 3rd party 0 0 0 0 0 0 0 74400009 Coil Tubing 0 0 0 0 74400010 Stimulation / Gravel Pack Materials 74400011 Pumping Service 0 0 0 0 0 oi 0 0 74400014 Perforating & Electric Line Services 0 0 0 0 74400015 Slickline Services 7,281 3,681 0 0 **Contract Rentals & Services Total** ol 0 0 0 74200300 Solid Waste Disposal 0 0 0 74200600 Waste Water Disposal 0 0 0 0 **Waste Disposal Total** 0 0 0 0 74400017 Coring 0 0 0 0 74400018 Testing 0 0 0 0 74400019 Logging Wireline 0 0 0 0 74400021 Logging - Mud 0 0 0 0 Formation Evaluation Total 0 71900021 Well Pipe -Tubing >2" 0 0 0 0 0 0 0 71900022 Well Pipe - Casing ٥ 0 0 0 71900100 | Well Equipment / Materials 71900110 | Wellhead 0 0 0 0 71500100 Surface Lifting Eq. / Materials 0 0 0 0 **Tangible Equipment Total** 0 0 0 0 74400024 Cement & Cementing 0 0 0 0 74400025 Fishing Costs 0 0 0 0 74400013 Equipment Lost in Hole 0 20,000 0 74500021 Site Work / Roads / Locations LOCATION 20,000 20.000 4.587 4.587 4.587 0 n 94100700 Capitalized G&A Total Field Estimate (Daily) 0 81,030 **Total Estimated Cost (Cumulative)** 0 77,430 \$\$\$ Days \$\$\$ Days Days on Location: Original Appropriations **Total Appropriated** Prepared By: Rig: George R. Morgan SAUER RIG 30 Date THRU: BUZZARD BENCH Lease: Well No.: Field: 06/13/2002 36-138 STATE OF UTAH



Chevion	AIEU			0-130			Dan	y	iu ive	Port	V G1	SION 4. I					
Spud Date: 06/13	/2002		MD (ft):	170 ' TVD:				170	י כ	Present /	Activity:		Report Number :				
Contractor:					Rig:	SAUER	RIG 3	30					Report N	lumber :	2	2	
Drilling Mud Supplier	МІ							Report F	or Contra	ct Super	visor:						
						MU	D VOLU	JME (BBL	.)			•					
Hole: w/ DP	Hole: w/c	DP	25	Pits:		Total Circ.	. Vol.:			Storage:				Туре:	FRES	I WATE	ΞR
	<u> </u>		***************************************		•	CIR	CULAT	ING DAT	A								
Bbl/Min:	.3	Gal/Min:		305	Annual V	el. (Ft./Min)			DP:	50	DC:	50				
Circulation Pressure (PSI)		700			Up Time	(Min):		3	Total Cir	c. Time (
Current Mu	d Properti					n Right is	From				Mud	Property	Specifica	ations			
Sample From					Orla Activi	tv Report	/ED	Wt:		Viscosity				Filtrate:			
Time Sample Taken						SHAK	CER							L			
	- 5)								Mud C	ontains			Red	ommende	ed Treatr	nent	
Flowline Temperature (De	g. F)																
Depth (ft)																	
Weight (ppg)						9.0)										
Funnel Vis.(sec./qt.) API			Deg. F			73.	0		·								
Plastic Viscosity cp @			Deg. F			22.	0								-		
Yield Point (lb/100 sq. ft.)						20.	0										
Gel Strength (lb/100 sq. ft	.) 10 sec/	'10 min.				0.5	5										
Filtrate API (cc/30 min.)						10.	0										
нтнр @	Deg. F		PSI														
Cake Thickness (32nd in A)				2.0)										
Solids Content (% by vol.)	Retort					3.5											
Oil Content (% by vol.) Re						0.0											
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Methylene Blue Capacity (io/obi. equ	JIV.)												I			
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Alkalinity Mud (Pm)								<u> </u>		Si	ze	Hrs/	Tour	Cost Data			***
Alkalinity Filtrate (pf/Mf)								Centrifuge									
Carbonate Determination	(mg/1000	cc)						Degasse						Daily Co	st:		
Chloride (mg/1000 cc)						600	.0	Desander								\$0	
Calcium (mg/1000 cc) /Ma	ag (mg/10	00 cc)				40.	.0	Desilter									
Bentonite (lb/bbl.)						-2974	9.09	Shaker						Cumulati	ive:		
Solids % High Gravity / %	Low Grav	vity			-1	6182.5% /	26182.	Other								\$0	
Solids % Drill Solids / % E	entonite				2	9451.6% /	-3269.1	Other									
Corrected Solids/Corrected	d Saltwat	er				100.0%	/ 0.0%	Other									
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Drilling Fluids Rep.:						Home Ad	dress:							Phone:			
Mud or Consulting Co.:						Warehous	se Loca	tion:						Phone:			
						Model	Chami	and Invent									
	1	Γ	<u> </u>	1	· · · · · · · · · · · · · · · · · · ·	Mud	Chemi	cal Invent	ory	r	1	r	Γ	T			ı
Units			 					<u> </u>							<u> </u>		
Cost/Unit		<u></u> .															
1		[1
Description]												1
	ļ			ļ				 			<u> </u>	-	 		-		-
Starting Inventory	 	<u> </u>	<u> </u>			 					 	-		1	 	-	-
Received				ļ				-	<u> </u>	ļ	<u> </u>		 	 		1	
Used Last 24 Hours		<u> </u>		ļ	<u> </u>	ļļ.		<u> </u>				 	_	 	-	 	
Closing Inventory	0	0	0	0	0	0	0						0	0	0	0	0
Time Distribution:	Drilling:				Trip:			CCM:	F1			Other:		ECD:			
Circulating Information:		n:	0.	607	K:	4.86		Type of	r10W:	Te				ECU:			
Profit Center:		МС	BU_			WBS:	UWD	CBD20		Drilling I	чер :		G	Seorge F	R. Morg	gan	
Field: BUZ	ZARD B	ENCH		Lease:	STATE	OF UT	·AH		Well No	ı.:		36-138	3	Date:	1	13-Jun-	02

TIG ROTE & :- 36 43-015-30550 ChevronTexac: BUZZARD BENCH STATE OF

CONFIDENTIAL

Measured Depth:		ZZARD BENCH								Proposed MD: Proposed TVD:						Version 5					
DOL: 2 DFS:					TVE		398 '	PBTD:					Propo			4,17	O ' Propose			4,170 '	
DOL:	2		FS:		2	Spud	Date:	13-Jun-0	2 0	aily Fo	otage	e:		228 '	Daily Ro	t Hrs:	18.5	Total Rot Hrs:		28.0	
Torque:		Drag:		Rot Wt		45	P/U Weight		S/O W	Vt.			Last E	BOP Test:					ECI		
Last Cas	ing Size:	1		Set At:		10	001	TVD			20.1			Shoe Test	:		Leakoff	Y		N 🗀	
Cum Rot	t Hrs on (14 Casing:			Cum Rot	Hrs on	90 ' Casing Sine	ce Last Calip	er:		90 ' 	Whipst	ock Se	L et @:				кор:			
Liner Siz			28	Set At:				TVD		28.0)			Liner Top	At:			MD		TVD	
	.6.								C	la Fran			18/4.		FV:	· · · 1c	PV:	YP:	Gel		
	МІ			Туре:			WATER		Samp	le Fron		SHA	Wt:	9.7	7	73.0	32.0	27.0		0.6	
WL API:	8.0	HTHP:		FC(1/3	2) API/HT	HP:	2.0	Solids:	7.	o *	Oil:			% Water:	93.0	Sand:	0.5	MBT:	pH:	10.0	
Pm:		Pf/Mf:		.3	Carb:).5	CI: 600	Ca/Mg:	40.	.0 В	ent:			Solids % H	G/LG:			% DS/Bent:			
Engr Ser	rvice	626		rials ac	ded last						DAII	LER			TRUC	KING					
		636	<u> </u>	24 hr	s:		1SK LIM			<u> </u>	KAII	LEK			TRUC	RING					
Drlg Gas	<u>:</u>		Max Ga	as:	-		Conn. Gas:		ĪΤ	rip Gas	s:			Trip CI:		F	Remarks:				
 T						1			+	·							1		1		
Bit No.	IADC	Size	Manu	ufacture	<u>r</u>	s	erial Numbe	r Type			Je	ts		TFA		/ID In		MD Out		VD Out	
1	117	12 1/4	нтс	RETIF	•	1	//79DJ	GT-1		12	12	12		0.3313		120)'				
Foot	110		WOB	RPI		Row	O-Row	DC		Loc		E		G		Char		?Pull		Cost/Ft	
Feet	Ho	urs	WOB	RPI	VI 1-	ROW	U-ROW	1 00		LOC	\dashv		,			Onai	-	: r un	<u>_</u>	03011	
278'								_	+		\dashv								╁		
Totallo	ngth of B	<u> </u>				Desc	ription:														
Total Lei	ngth of B	п м .		397 '		1 0630	IIDUOII.	BIT, B	S, 2	(8"D(C),)	XO, 9	(6" I	DC)							
DC Size: DP Size: Hours On Hrs Since Last																					
DC Size: DP Size: Hours On Jars: 18.5 Inspection: 18.5																					
Jars: 18.5 Inspection: 18																					
Bit	L	iner	+ ;	Stroke	ВВ	L/STK		Pressure						DP AV					- -		
1	6	3	1	6	0.	145	5 58 1,200			353 341				58	58		209	1.78	+	247	
s	Survey M		Angle		Direct	ion	T	VD		N/s	S Coo	Coordinate E/W Coordinate					Verti	tical Section		DLS	
<u></u>																					
																			+		
	(From) -To)																			
Hrs.	hh:r						<u> </u>	ations Coveri					_								
		-	NO A	CCID	ENTS, I	10 N	EAR MIS	SES, SAF	ETY	MEE.	TINC	G TO	PICS	, RIG RE	PAIR,	& W(ORKING O	N MUD PUM	PS.		
10:30	0:00	- 10:30	DRIL	LING	F/170' -:	349' 1	0-15K 90	RPM hav	ing to	o redr	rill sc	me s	sectio	ons of ho	le.						
1:00	10:30	- 11:30	rig re	pair, v	vork on	mud	oump repl	lace packii	ng												
4:00	11:30	- 15:30	349'-3	397' 1	5k/90 rp	m dri	iling in 90	% shale.													
8:30	15:30	- 24:00	Draw	works	motor	went	down & w	ill not rest	art, N	Mecha	anic (calle	d fror	m Vernal	UT, pu	ımped	d on hole fo	r 2 hours wh	en mu	d	
		-	pump	starte	ed leakii	ng & l	had to be	shut dowr	n, rep	airing	j mu	d @	prese	ent time,	draw v	vorks	motor will h	nave tobe rep	laced.		
		-	mech	anic e	stimate	s two	days to r	eplace mo	otor. I	Drillin	g as	semb	oly is	@ 398'.							
		-																			
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		-																· · · · · · · · · · · · · · · · · · ·			
24 hr St	ummary:																***				
Operation	ons @ 05	OO Hen:																			
Operation			***									EV/EN.									
												EVEN:		T A 7				TA-23- 11			
	Incident	Hours:					ifety tgs:	2		y Hrs, I			132	0.00	rs:		192				
	Incident (Cumu			-		Sa	fety Mtgs: umulative)	4		ty Hrs, mulativ			276		Hrs, Oth mulative)		408	Accidents: (Cumulative			
Daily Mu		#GUVC)		Daily T	angible C		diady6)			Drilling):		\$14,846	٧		ement No. (Dr			7DRI	
Cum Mu	ıd Cost:			Cum T	angible C	ost:			Cum	Drilling	Cost	:			T I	VBS E	ement No. (Co			r ser No	
	mp Cost			<u> </u>	Completion				Cum	Well C	ost			\$92,276	Ť	otal Ap	opr:				
	-				Vater Cost		Fuel:	\$0	L	Bulk W				\$92,276 ChevronT			API Nu	\$ mber:		207,600	
Daily Wa				Cum. V	rater COST		60							CHEVIONI		73		42-015-3	0550		
Profit Ce	enter:			мсві	J		Rig: SA	UER RIG	<u>30</u>	Rig Pho	one:	43		7-2714	Drilling	кер:		George R.	Morga	in	
Field:		BUZZAF	RD BEI	NCH		Leas	Lease: STATE OF UTAH						Well	#:	3	6-138		Date: 14-Jun-02			

Daily Cost Estimate

CAPITAL EXPENSE Chevron WBS#: UWDCBD2007DRL WBS #: 0 Cost Element Description Vendor Breakdown Daily Cum Breakdown Daily Cum Rig - Daywork 7,700 7,700 15,400 74400001 Sauer rig 30 \$ 7700/day 0 0 24.057 0 74400002 Rig - Footage / Turnkey 910 910 910 0 0 71290100 Fuel - Diesel / Motor Fuels 1000 @ 0.92 0 0 Utilities - Other (potable water) 0 71290300 12,000 0 0 Rig Up / Rig Down 0 74400003 8,610 52,367 0 0 **Rig Costs Total** 66010100 Payroll & Other Benefits 1,000 1,000 2,000 0 0 chevrontexaco 0 Contract Labor (Roustabouts) CALLAWAY 1,000 1,000 5,000 0 70000100 0 70000300 0 Contract Labor (Consultants) **Supervision Total** 2,000 7,000 0 0 0 0 71400100 Chemicals & Treating Agents 0 0 1,316 1.721 74400004 Drilling Fluids 0 O 0 0 0 0 0 0 0 71900500 Materials, Supply, Repair Parts 1,316 1,721 0 0 Mud. Materials Total 0 73400300 Other Transportation Services 0 0 0 0 74400006 Dir. Survey and Service Costs 0 0 0 74400007 0 2,326 Drill String Rentals and Bits Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE 200 280 280 0 72300100 75 FORKLIFT RAMS 5 1,800 0 0 0 74500100 Contract Equip. & Serv. (w/ Oper) 1,800 0 0 WEATHERFORD 75100300 X-Ray & Insp. Serv. 0 0 0 0 0 0 0 0 76200300 Comunnications 3rd party n O 0 0 74400009 Coil Tubing 0 0 0 74400010 Stimulation / Gravel Pack Materials 0 0 0 0 0 74400011 Pumping Service 0 0 0 0 74400014 Perforating & Electric Line Services 0 0 74400015 Slickline Services 0 0 **Contract Rentals & Services Total** 2,080 5,761 0 0 0 0 0 74200300 Solid Waste Disposal 0 0 0 0 74200600 Waste Water Disposal 0 0 0 0 **Waste Disposal Total** 0 0 0 74400017 Coring 0 0 0 0 0 74400018 Testing Logging Wireline 0 0 0 74400019 0 0 O 0 0 74400021 Logging - Mud 0 0 0 0 **Formation Evaluation Total** 0 0 0 71900021 Well Pipe -Tubing >2' 0 0 0 0 ٥ 71900022 Well Pipe - Casing 71900100 Well Equipment / Materials 0 0 0 0 0 0 71900110 | Wellhead 0 0 0 0 71500100 Surface Lifting Eq. / Materials 0 0 0 0 **Tangible Equipment Total** 74400024 Cement & Cementing 0 0 0 0 0 0 0 0 74400025 Fishing Costs 0 0 0 0 74400013 Equipment Lost in Hole 74500021 Site Work / Roads / Locations 0 20,000 0 0 840 840 0 0 94100700 Capitalized G&A 5.427 Total Field Estimate (Daily) O 14,846 **Total Estimated Cost (Cumulative)** 92,276 \$\$\$ Days \$\$\$ Days Days on Location: **Original Appropriations Total Appropriated** Prepared By: Rig: George R. Morgan SAUER RIG 30 Field: BUZZARD BENCH Lease: Well No .: Date THRU: STATE OF UTAH 36-138 06/14/2002

TILS ROTE SE_-36 DOT 43-015-30550 ChevronTexac: BUZZARD BENCH STATE OF UTAH 36-138

CONFIDENTIAL

		ı exac	i BL	JZZARD			SIAIL	OF UTA	H 36-	138				L	וווזכ		vity Repo	rt _v	ersion 5
	ed Depth:			98 '	TVD		398 '	PBTD:				Propo	osed MD:		4,1	70 '	ed TVD:	4,1	170'
DOL:	3	3	FS:		3		Date:	13-Jun-(02	aily Foota	ge:		0'	Daily R	ot Hrs:		Total Rot Hrs:		8.0
Torque:		Drag:		Rot Wt:			P/U Weight	t:	S/O W	t.		Last	BOP Test:					ECD	0.22
Last Cas	sing Size:	14	17	Set At:			90 '	TVD		90			Shoe Test	t:		Leakoff	[?] Y	N	
Cum Ro	t Hrs on (28	8.0 C	um Rot I	Irs on		ce Last Calip	er:	28.0	Whips	tock S	et @:			•	KOP:		
Liner Siz	ze:			Set At:				TVD		- F 1.T	***********		Liner Top	At:			MD		TVD
Mud Co:	МІ			Туре:	FRE	SH	WATER		Sample	e From:	SHA	Wt:	• • • • • • •	FV:	73.0	PV: 32.0	YP: 27.0	Gel:	0.6
WL API:	8.0	HTHP:		FC(1/32)	API/HTH	IP:	2.0	Solids:	7.0	% Oi		-1	% Water:		% San		MBT:	pH:	10.0
Pm:	3.0	Pf/Mf:	^).3	arb:	.5	CI: 600	Ca/Mg:	40.0	Bent	:		Solids % H			0.0	% DS/Bent:	L,	
Engr Se	rvice	<u> </u>	Mate	rials add	led last				-10.1	<u>- I </u>			1				I		
				24 hrs:															
Drlg Ga	s:		Max G	as:			Conn. Gas:	:	Tr	ip Gas:			Trip CI:			Remarks:			
D'AN-	1400	0:						. T	\top		lata		TEA				MD Out	T) (D	Out.
Bit No.	IADC	Size		ufacturer			erial Numbe 179DJ				Jets 12	Ī	0.3313		MD In 12	0'	MD Out	TVD	Out
1	117	12 1/4	Inic	RETIP		<u> </u>	17903	GT-1		12 12	12		0.3313		12	<u> </u>			
		\vdash							_		 				<u> </u>				
Feet	Hou	urs	WOB	RPM	I-F	Row	O-Row	DC	+	Loc		В	G		Char		?Pull	Cost	/rt
278'		+		<u> </u>	-			+	\dashv		 		 			+			
Total Le	ngth of B	HA:		007:	BHA	Desc	ription:	D:T 5		0000	<u> </u>	0.70	DC;						
	Total Length of BHA: BHA Description: BIT, BS, 2 (8"DC), XO, 9 (6" DC)																		
	DC Size: DP Size: Hours On Hrs Since Last Inspection: 18.5																		
J _{ars:} 18.5 _{Inspection:} 18.															18.5				
Bit	L	iner	<u> </u>	Stroke	BBL	/STK	SPM	Pressure	GPN	4	Jet Ve	el	DP AV	DC	AV	Bit HHP	BHHP/SQ. IN.	Pum	р ННР
1	- 6	3	1	16	0.1	145	58	1,200	353	3	341		58	58		0	0.00	2	47
																	+		
S	Survey MC		Angle		Direction	on	Т	VD		N/S C	oordina	te	E/W C	Coordina	ate	Verti	cal Section		DLS
				\perp															
				\bot															
	/P* :			$oldsymbol{\bot}$												-			
Hrs.	(From hh:r						Opera	ations Cover	ing 24 H	lours En	ding at M	Midnigh	nt						
		-															RIG CLEAN L		
24:00	0:00	- 24:00		***************************************													N @ 20:00 P.N	Л	
		-	MEC	HANIC (CALLE	D TC	REPAIR	R GENER/	ATOR	. Main	engine	may	be repla	ced la	te Su	nday.			
		<u>-</u>																	
		-	-																
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24 hr Si	ummary:	-																	
	y.																		
Operation	ons @ 050	00 Hre																	
Sperauc											EVEN								
<u> </u>	Incident	19				6-	fety		Safah	Hrs, Rig:			Safety	Hrs			Accidents:		
	Incident					Mt	gs: ety Mtgs:	2	•	Hrs, Rig		132	Other Safety i	s:	ers.	36	Accidents:		
Day 11	(Cumu			- IDa%: **:	milet- C	(Cu	ety Mtgs: mulative)	6	(Cum	nulative)		408		nulative)	444 lement No. (Dr	(Cumulative)		
Daily Mu				Daily Tan						orilling Co			\$13,133			,	UWDCB	D2007D	RL
Cum Mu				Cum Tan					L	rilling Co	st:		\$105,409	•		lement No. (Co	этір)		
	mp Cost			Cum Com	•	Cost		\$0		Vell Cost			\$105,409	9	Total A		\$	20	7,600
Í	iter Cost:			Cum. Wat	ter Cost:	\$				ılk Wt:			ChevronT		73	API Nui	mber: 42-015-30	550	
Profit Ce	enter:			мсви				UER RIG	30 Ri	g Phone:	43		7-2714	Drilling	Rep:		George R. M	Morgan	
Field:	E	BUZZAR	RD BEI	NCH								Well	#:	3	6-138	3	Date: 15-Jun-02		

Daily Cost Estimate CAPITAL EXPENSE UWDCBD2007DRL WBS#: Chevron Cost Element Description Vendor Daily Cum Breakdown Daily Cum Sauer rig 30 \$ 7700/day 7.700 7.700 23.100 Rig - Daywork Rig - Footage / Turnkey 24,057 1,820 Fuel - Diesel / Motor Fuels 1000 @ 0.92 Utilities - Other (potable water Rig Up / Rig Down 12,000 8,610 60,977 **Rig Costs Total** 3,000 Payroll & Other Benefits chevrontexaco 1,000 1.000 Contract Labor (Roustabouts) CALLAWAY 5,500 Contract Labor (Consultants) 1.500 8,500 **Supervision Total** Chemicals & Treating Agents 74400004 Drilling Fluids MI 1,721 Materials, Supply, Repair Parts 1,721 Mud, Materials Total 73400300 Other Transportation Services Dir. Survey and Service Costs Drill String Rentals and Bits 2.326 72300100 Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE FORKLIFT RAMS DRILL COLLARS 1,800 Contract Equip. & Serv. (w/ Oper) 1,800 WEATHERFORD X-Ray & Insp. Serv. Comunnications 3rd party Coil Tubing n O ი Stimulation / Gravel Pack Materials Pumping Service ი 74400014 Perforating & Electric Line Services 74400015 | Slickline Services 2,280 8,041 **Contract Rentals & Services Total** Solid Waste Disposa Waste Water Disposal **Waste Disposal Total** 74400017 Coring Testing Logging Wireline Logging - Mud **Formation Evaluation Total** 71900021 | Well Pipe -Tubing >2" Well Pipe - Casing Well Equipment / Materials 71900110 Wellhead 71500100 | Surface Lifting Eq. / Materials **Tangible Equipment Total** Cement & Cementing Fishing Costs 74400013 Equipment Lost in Hole 20.000 74500021 | Site Work / Roads / Locations 6.170 94100700 Capitalized G&A Total Field Estimate (Daily) 13,133 **Total Estimated Cost (Cumulative)** 105,409 \$\$\$ Days \$\$\$ Days Days on Location: Original Appropriations **Total Appropriated** Prepared By: Rig: George R. Morgan **SAUER RIG 30** Date THRU: Well No.: BUZZARD BENCH Lease: Field: STATE OF UTAH 36-138 06/15/2002



DOB 43-015-30550

CONFIDENTIAL

Che	vron	Гехас	C BU	IZZARI	BENC	Н	STATE	OF UTAI	Н 3	6-138				D	rilli	ng Act	ivity l	Report	t \	Version 5
Measure	ed Depth:		41	0'	TVD:		410 '	PBTD:				Prop	osed MD:		4,17	Propo	sed TVD:		4,	170 '
DOL:	4		DFS:		4	Spuc	Date:	13-Jun-0	12	Daily Foota	ge:	•	12 '	Daily Ro		1.0	Total F	Rot Hrs:		29.0
Torque:		Drag:		Rot Wt:		5	P/U Weight		S/O	Wt.		Last	BOP Test:						ECD	0.22
Last Ca	sing Size:	44		Set At:		<u> </u>	90'	TVD		90			Shoe Tes	t:		Leak	off?	Y	N	
Cum Ro	t Hrs on 0	14 Casing:			Cum Rot I	Irs or		ce Last Calip	er:			stock S	let @:			1	KOP:			
Liner Siz	:e:		29	9.0 Set At:				TVD		29.0			Liner Top	At:			MD			TVD
Mud		¥		Type:				· I	Sam	ple From:		Wt:		FV:	F	V:	YP:		Gel:	
Co: WL API:	MI	HTHP:			FRE		WATER	Solids:		· % 0	SH/	4 H	% Water:		73.0 Sand:	32.	MBT:	27.0	pH:	0.6
Pm:	8.0	Pf/Mf:		`	Carb:		2.0 CI:	Ca/Mg:	7	7.0 Bent			Solids % H	93.0		0.5	% DS/	'Rent		10.0
		FDIVII.		.3	0 ded last	.5	600	.0	4(0.0			Joanus Avi				1,0 00,			
Engr Se	rvice		IVIALE	24 hrs																
										W-1										
Drlg Ga	s:		Max G	as:	_		Conn. Gas:			Trip Gas:			Trip CI:		F	Remarks:				
Bit No.	IADC	Size	Manu	ufacturer		s	erial Number	г Туре	,	,	Jets		TFA		MD In		MD Ou	ıt	TVD) Out
1	117	12 1/	4 HTC	RETIP		_	//79DJ	GT-1		12 12	12		0.3313		120),				
			1																	
F	11-		MOD	RPM			O Bassi			100	1	В	G		Char		?Puli		Con	st/Ft
Feet	Ho		WOB	RPM	I I-M	low	O-Row	DC	\neg	Loc	 	В	- 6		Char	-	?Pull		Cus	SUF (
290'	29.	00									+		ļ							
Total Le	ngth of B	HA:			BHA	Desc	ription:				<u> </u>							<u>i</u> _		
				397 '				BIT, B	S, 2	2 (8"DC)	, XO,	9 (6"	DC)							
													T							
										DC Size:			DP Size:		Hours Jars	40	5 '	Irs Since La Inspection		19.5
Bit	L	iner		Stroke	BBL	/STK	SPM	Pressure	G	РМ	Jet \	/el	DP AV	DC /	4∨	Bit HHP	ВНІ	HP/SQ. IN.	Pum	np HHP
1	e		1	16	0.1	145	58	1,200	3	53	34	1	58	58	3	0		0.00		247
			<u> </u>				-						1							
				1						1				2					Τ.	DI 0
	Survey MI	-	Angle		Direction	on	1	VD		N/S C	oordin	ate	E/W C	Coordina	te	ve	rtical Sect	ion	+-'	DLS
		+	-												-				+	
													-							
	(From	To)											<u> </u>						<u></u>	
Hrs.	hh:r						Opera	ations Coveri	ing 2	4 Hours En	ding at	Midnigl	ht							
		•						SES, SAF											Т	
20:30	0:00	- 20:30	RIG	REPAIR	R, REM	OVE	GENERA	TOR & R	EPL	ACE W/	STA	NDBY	GENER	ATOR,	REPI	ACE FL	OOR M	OTOR.		
0:30	20:30	- 23:00	STAF	RTED	NEW FL	<u>OOF</u>	MOTOR	, SHORT	TRI	IPPED D	RILL	STRIN	NG TO C	ONDU	CTOR	,NO TIG	HT HOL	<u>E</u>		
1:00	23:00	- 24:00	DRIL	L F/ 39	8'-410'	CIRC	CULATE V	VAITING	ON	CASING	CRE	W								
		-																		
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24 hr S	ummary:																			
<u> </u>																				
Operation	ons @ 05	UU Hrs.																		
			RUN	NING S	SURFAC	E C	ASING.				EVE	N:								
<u> </u>		20					foty	······································	0-1	atu Hec 👨		. • •	Safety	Hre			Accide	onte:		
	Incident					М	fety tgs:	2		ety Hrs, Rig		144	Othe	rs:			18			
	Incident (Cumu			-		(Cı	fety Mtgs: ımulative)	8	(C	ety Hrs, Rig Jumulative)		552		Hrs, Oth mulative))	49	2 (Cu	ccidents: umulative)		-
Daily Mu				Daily Ta	angible Co	st:			Daily	y Drilling Co	st:		\$4,489			ement No. (΄ ί	JWDCBD	2007	DRL
Cum M	ıd Cost:			Cum Ta	ngible Co	st:			Cum	n Drilling Co	st:		\$109,898	B	VBS Ele	ement No. (Comp)			
Daily Co	mp Cost			Cum Co	mpletion	Cost		\$0	Cum	n Well Cost			\$109.898	1	otal Ap	pr:		\$	20	07,600
Daily Wa	ter Cost:			Cum. W	ater Cost:		Fuel:	ΨΟ		Bulk Wt:			ChevronT		7.	API	lumber:	2-015-305		27,000
Profit C	enter:		.,	<u> </u>		9	Rig:			Rig Phone	:			Drilling	73 Rep:					
Field:				MCBU		Leas	SA	UER RIG		1	4	35-68 Well	7-2714 #:	<u> </u>			Geo Date:	rge R. M		
, ieiu.	l l	BUZZA	RD BE	NCH				STATI	ΕO	F UTAH				3	6-138			1(6-Jun-	02

Daily Cost Estimate

Version 5

CAPITAL **EXPENSE** UWDCBD2007DRL WBS# WBS# Chevron Vendor Daily Cum Daily Cum Description Breakdown Cost Element 23.100 74400001 Rig - Daywork Sauer rig 30 \$ 7700/day 0 0 74400002 Rig - Footage / Turnkey 0 24,057 0 0 455 455 2,275 0 0 500 GALS@ .91 71290100 Fuel - Diesel / Motor Fuels 0 0 0 71290300 Utilities - Other (potable water) 0 0 12,000 0 74400003 Rig Up / Rig Down 0 455 61,432 0 **Rig Costs Total** 0 66010100 Payroll & Other Benefits chevrontexaco 1,000 1,000 4,000 0 0 0 500 500 6,000 70000100 | Contract Labor (Roustabouts) | CALLAWAY Contract Labor (Consultants) 0 O 0 70000300 0 1.500 10.000 0 **Supervision Total** 0 0 0 71400100 Chemicals & Treating Agents MI 0 1,721 74400004 Drilling Fluids 0 C 0 0 0 71900500 Materials, Supply, Repair Parts 0 0 0 0 0 0 1,721 0 Mud. Materials Total 73400300 Other Transportation Services 0 0 0 0 0 C 0 74400006 Dir. Survey and Service Costs 0 0 2,326 0 74400007 Drill String Rentals and Bits 200 480 480 0 0 72300100 Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE FORKLIFT 75 5 RAMS DRILL COLLARS 200 1,800 0 0 74500100 | Contract Equip. & Serv. (w/ Oper) 1,800 WEATHERFORD 0 0 0 0 0 0 75100300 X-Ray & Insp. Serv. 0 76200300 Comunnications 3rd party 0 0 0 0 74400009 | Coil Tubing 0 0 0 0 0 0 0 74400010 Stimulation / Gravel Pack Materials 74400011 Pumping Service 0 0 0 0 0 0 0 0 74400014 Perforating & Electric Line Services 0 0 0 0 74400015 Slickline Services 0 2,280 10,321 0 **Contract Rentals & Services Total** 0 0 74200300 Solid Waste Disposa 0 0 74200600 Waste Water Disposal 0 0 0 0 0 **Waste Disposal Total** 0 0 0 0 n 0 74400017 Coring ol 0 0 0 0 74400018 Testing 0 0 74400019 Logging Wireline 0 0 0 0 0 0 74400021 Logging - Mud 0 0 0 0 Formation Evaluation Total 0 0 0 71900021 | Well Pipe -Tubing >2" 0 Well Pipe - Casing 0 0 0 0 71900022 0 0 0 0 71900100 Well Equipment / Materials 71900110 Wellhead 0 0 0 0 0 0 71500100 Surface Lifting Eq. / Materials 0 0 0 0 **Tangible Equipment Total** 0 0 0 0 74400024 | Cement & Cementing 74400025 Fishing Costs 0 0 0 0 0 n 0 0 74400013 Equipment Lost in Hole 20,000 0 0 0 74500021 | Site Work / Roads / Locations 254 254 0 0 6.424 94100700 Capitalized G&A Total Field Estimate (Daily) 0 4,489 **Total Estimated Cost (Cumulative)** 109,898 \$\$\$ Days \$\$\$ Days Days on Location: **Original Appropriations** Total Appropriated Rig: Prepared By: George R. Morgan **SAUER RIG 30** Date THRU: BUZZARD BENCH Lease: Well No.: Field: STATE OF UTAH 36-138 06/16/2002

THS ROTE SEC-36.

CONFIDENTIAL

		Texac	· BU	JZZAR			STATI	E OF UTA	H 36-1	38				D	rilli		/ity Repor	t Version 5
Measure	ed Depth:		41	10'	11	VD:	410 '	PBTD:			F	Propo	osed MD:		4,17	O ' Propose	ed TVD:	4,170 '
DOL:	5		FS:		5	Spud	I Date:	13-Jun-(Dail	y Foota	ge:		0'	Daily Ro	ot Hrs:		Total Rot Hrs:	29.0
Torque:		Drag:		Rot Wt	:	•	P/U Weigh		S/O Wt.		L	_ast E	BOP Test:					ECD 0.22
Last Ca	sing Size	: 14	,,	Set At:			90 '	TVD		90	,		Shoe Test	t:		Leakoff	Υ	N 🗆
Cum Ro	t Hrs on		20	9.0	Cum R	ot Hrs or		ice Last Calip	per:	29.0	Whipsto	ck S	et @:			<u> </u>	KOP:	
Liner Siz	ze:			Set At:	L			TVD		29.0	l		Liner Top	At:			MD	TVD
Mud				Type:				-	Sample	From:		Nt:		FV:		PV:	YP:	Gel:
Co: WL API:	MI	HTHP:		FC(1/3:	2) API/H		WATER	Solids:		% Oil	SHA¥ :		% Water:	1%	73.0 Sand	32.0	27.0 MBT:	0.6 pH:
Pm:	8.0	Pf/Mf:		L	Carb:		2.0 CI:	Ca/Mg:	7.0	Bent:			Solids % H	93.0 G/LG:		0.5	% DS/Bent:	10.0
Engr Se	rvice			.3 rials ac	ided las	0.5 st	600	0.0	40.0									
				24 hr													 	
54.0-			O				lo o		Trin	Coo			IT-in Cl		. 1,	Damarita.		
Drlg Gas	s:		Max G	as:			Conn. Gas		тпр	Gas:			Trip CI:			Remarks:		
Bit No.	IADC	Size	Manu	ufacture	r	s	erial Numbe	т Тур	е		lets		TFA	N	MD In		MD Out	TVD Out
1	117	12 1/4	нтс	RETIP	•	_ N	//9DJ	GT-1	12	12	12		0.3313		120	0'		
							,											
Feet	Ho	urs	WOB	RPN	иΤ	I-Row	O-Row	DC		Loc	В		G		Char		?Pull	Cost/Ft
290	29.		30			2	2	FC		<u></u> 4	F		I		W		TD	
290	23.		- 50					 	+-	<u> </u>	<u> </u>		Ė		***		- ' -	
Total Le	I Ingth of B	HA:			BI	HA Desc	ription:				VO 46	. (01	, DO)				<u> </u>	
				397 '				811, 8	5, 2 (8	TDC),	XO, 10) (6.	DC)					
									Ipc	Size:			DP Size:	—Т	Hours	On	Hrs Since L	ast
	r		T							1					Jars		Inspection	
Bit	L	iner		Stroke		BBL/STK	SPM	Pressure	GPM		Jet Vel		DP AV	DC A	<u> </u>	Bit HHP	BHHP/SQ. IN.	Pump HHP
1	6	6	1	6		0.145	58	1,200	353		341		58	58		0	0.00	247
S	Survey MC		Angle		Dire	ection	т	VD		N/S C	oordinate		E/W C	Coordinat	te	Vertic	al Section	DLS
										,								
																		1
															$\neg \dagger$			
Hrs.	(From						Oper	ations Cover	ina 24 Ha	urs End	ling at Mid	dniah	nt					
1110.	hh:r	nm	<u> </u>	00101	ENTO	NO NE								2.051	4E N.T	INC CACIN	C N/U DODC	
4:00	0.00	- 04:20											CASING	<i>5</i> , CEN	<u>IENI</u>	ING CASIN	G,N/U BOPS.	
4:30		u						CASING C	KEVV C	K CEIVI	ENIER	.						
1:30 3:00	4:30					L COLI		TS 8 5/8 2	A# CT0		SINC H	140	TO \A/A S		T 20	i		
2:30																	8 BBLS CEME	NT TO DIT
0:30							IP MUD I		OINI AC	L VV/ .	293 SK	<u></u>	LAGG G	CLIVIL	141 0	INCOLATE	O DDEO OLIVIE	-141 10111.
4:00								N STARTI	NG HE	AD & .	TEST T	·O 1	000 PSI					
7:00								BLOOIE L		71.D G	1201 7		000101.	<u> </u>				
1:00								PUMP TO		PSI.								
	1	-	- 1/1	····							,							
		•																
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		-																
24 hr Si	ummary:									-						 		
Operation	ons @ 05	00 Hrs:	T	-0	^-	-												
		0.4	UH I	אט טו	ILL CE	EMENT	*****				EVEN:			,				
	Incident	21 Hours:				Sa	fety		Safety H	rs, Rig:			Safety	Hrs,			Accidents:	
	Incident					Mt	gs: lety Mtgs:	3	Safety H			144	Other		ers:	82	Accidents:	
Deltar	(Cumu			- Inc	oneibl-	(Cu	mulative)	11	(Cumu	lative)	6	396 3		nulative)		574 ement No. (Dri	(Cumulative)	-
Daily Mu					angible			5,089	Daily Dri				\$41,026			•	UWDCBD	2007DRL
Cum Mu	ud Cost:				angible			5,089	Cum Dri		st:	;	\$150,925	5		ement No. (Co	mp)	
Daily Co	omp Cost			Cum C	ompletio	on Cost		\$0	Cum We	II Cost			\$150,925	 	otal Ap		\$	207,600
Daily Wa	ater Cost:			Cum. W	Vater Co		Fuel:		Bull	Wt:			ChevronT	exaco	73	API Nur	nber: 43 015-305	550
Profit Ce	enter:			MCBU	<u> </u>	<u> </u>	Ria:	UER RIG	30 Rig	Phone:	435	-687	7-2714	Drilling I			George R. M	
Field:		21.177.40	-		·	Leas			E OF U	TALI		Vell i		24	6-138		Date:	7-Jun-02
	t	BUZZAR	ח פרן	NCH				SIAI		тАП				3	J-130		<u> </u>	r-vuii-vz

Daily Cost Estimate Version 5 **CAPITAL EXPENSE** UWDCBD2007DRL WBS#: Chevron Breakdown Daily Cost Element Description Vendor Breakdowi Daily Cum Cum Sauer rig 30 \$ 7700/day 74400001 7,700 7,700 30,800 0 Rig - Daywork 0 74400002 Rig - Footage / Turnkey 0 24,057 0 0 350 GALS@ .91 318 2,593 0 71290100 Fuel - Diesel / Motor Fuels 0 0 71290300 Utilities - Other (potable water 0 0 0 12,000 0 0 74400003 Rig Up / Rig Down 8,018 69,450 0 0 **Rig Costs Total** 0 0 66010100 Payroll & Other Benefits chevrontexaco 1,000 1.000 5,000 0 500 500 6.500 0 70000100 Contract Labor (Roustabouts) CALLAWAY n 0 70000300 Contract Labor (Consultants) welder 3.244 3.244 3.244 4,744 14,744 0 0 **Supervision Total** Chemicals & Treating Agents 0 0 0 71400100 74400004 М 0 1,721 Drilling Fluids 0 0 0 0 Materials, Supply, Repair Parts 71900500 0 0 0 0 0 1,721 0 0 Mud, Materials Total 0 73400300 Other Transportation Services 0 0 0 74400006 0 0 0 0 Dir. Survey and Service Costs 0 74400007 Drill String Rentals and Bits 0 2,326 0 72300100 Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE 200 6,280 6,280 0 0 FORKLIFT 75 5,805 **R&S CASING** DRILL COLLARS 200 1,800 0 74500100 | Contract Equip. & Serv. (w/ Oper) 0 0 WEATHERFORD 1,800 0 0 0 0 0 0 75100300 X-Ray & Insp. Serv. 0 0 0 76200300 Comunications 3rd party 0 0 0 0 74400009 | Coil Tubing 74400010 Stimulation / Gravel Pack Materials 0 0 0 0 0 0 0 0 Pumping Service 74400011 74400014 Perforating & Electric Line Services 0 0 0 0 0 0 0 0 74400015 | Slickline Services 8,080 18,401 0 0 **Contract Rentals & Services Total** 0 0 74200300 Solid Waste Disposa O 0 0 74200600 Waste Water Disposal 0 0 0 0 0 0 0 **Waste Disposal Total** 0 0 0 0 74400017 Coring 0 Testing 0 0 0 74400018 n Logging Wireline n 0 0 74400019 0 0 74400021 Logging - Mud 0 0 0 0 0 0 **Formation Evaluation Total** 0 Well Pipe -Tubing >2" 0 0 0 71900021 Well Pipe - Casing 8 5/8 casing 3,989 3,989 3,989 0 0 71900022 ٥ 0 71900100 Well Equipment / Materials FLOAT EQUIP 1.100 1,100 1.100 Wellhead 0 71900110 n 71500100 Surface Lifting Eq. / Materials Λ ٥ 0 0 0 5,089 5.089 **Tangible Equipment Total** 12,773 DOWELL 12,773 0 0 12,773 74400024 Cement & Cementing 0 0 0 0 74400025 Fishing Costs 0 0 74400013 Equipment Lost in Hole 0 0 0 74500021 Site Work / Roads / Locations 0 20,000 8,747 94100700 Capitalized G&A 2,322 2,322 0 0 Total Field Estimate (Daily) 0 <u>41,026</u> **Total Estimated Cost (Cumulative)** 150,925 \$\$\$ Days \$\$\$ Days Days on Location: 5 Original Appropriations **Total Appropriated** Prepared By: Rig: George R. Morgan SAUER RIG 30 Date THRU: BUZZARD BENCH Lease: Field: Well No.: STATE OF UTAH 36-138 06/17/2002

012 43-015-30550

- CONFIDENTIAL

		ехас	i BU	ZZARL	D BENC		SIAIE	UFUIA		0-13	<u> </u>					1 111111		vity Kepoi	Version 5
Measure	d Depth:		1,2	19'	TVD	i:	1,219	PBTD:					Propo	sed MD:		4,170	Propos	ed TVD:	4,170 '
DOL:	6	C	FS:		6	Spud	Date:	13-Jun-0	12	Daily I	Footag	je:		809 '	Daily Ro		12.5	Total Rot Hrs:	41.5
Torque:		Drag:		Rot Wt:		50	P/U Weight		S/O	Wt.			Last E	BOP Test:		06/18/			ECD 0
Last Cas	ing Size:	<u> </u>		Set At:	<u>`</u>	,		TVD						Shoe Test		70/10/	Leakof	7 Y	N 🗆
Cum Rot	Hrs on (8- 5	5/8 "		Cum Rot	Hrs on	410 '	ce Last Calip	er:	***	410	Whipst	ock Se	et @:				IKOP:	
			12	2.5 Set At:				TVD		12	2.5	<u> </u>		Liner Top	Δ+-			MD	TVD
Liner Size	e: 								_					, i					
Mud Co:	МІ			Type:	AIR	ł			Sam	ple Fr	om:		Wt:		FV:	P	V:	YP:	Gel:
WL API:		HTHP:		FC(1/32	?) API/HTI	HP:		Solids:			% Oil:			% Water:	%	Sand:		мвт:	pH:
Pm:		Pf/Mf:		ľ	Carb:		CI:	Ca/Mg:			Bent:			Solids % H	G/LG:			% DS/Bent:	
Engr Ser	vice		Mate	rials ad	ded last		<u>i</u>				<u> </u>							1	
			<u> </u>	24 hrs	<u>; </u>														
Drlg Gas			Max G	26:			Conn. Gas:			Trip G	e.			Trip CI:		IR	emarks:		
Dily Gas			Wiax C	13.			COMM. COO.			,					r				
Bit No.	IADC	Size	Manu	ufacturer		Sı	erial Numbe	г Туре	,		J	ets		TFA	N	ID In		MD Out	TVD Out
2	537	7 7/8	нтс	RERUI	N	(075JB	A7730	A	20	20	20		0.9204		410	'	847'	847'
3	537		REE			1	12052	HP53J	IAC		20	20	16	1.1167		847			
····					\Box		1											?Pull	Cost/Ft
Feet	Hou		WOB	RPM		Row	O-Row	DC			ос	B		G	<u>'</u>	Char			Costri
437'	8.5	50	35	110) 3		3	FC	_	A		E	<u> </u>		 		_	PR	44.0
372'				<u> </u>			ription:			<u> </u>		<u> </u>							
I otal Ler	ngth of Bl	HA:		407 '			npuon:	BIT, B	S, 1	4 (6"	DC)	,xo							
										DC Si	ze:			DP Size:		Hours (On 32.0	Hrs Since L Inspection	22 0 1
T					<u> </u>		2511	_	_					55.41/					<u>"</u>
Bit	Li	iner		Stroke	BBI	L/STK	SPM	Pressure	G	PM		Jet Vel		DP AV	DC A	``	Bit HHP	BHHP/SQ. IN.	Pump HHP
2			1		+		<u> </u>	210		<u> —</u>	\vdash			_		_			+
3			<u> </u>								Щ								
S	urvey MC		Angle		Directi	ion	T	VD			N/S Cc	oordinat	e	E/W	Coordinat	e	Vert	ical Section	DLS
44	13 '		1.3				1												
	11'		0.8																
-			0.0																
Hrs.	(From	1 -To)					Oper	ations Coveri	ina 2	4 Hou	rs End	ling at M	lidniah	<u> </u>					
nis.	hh:r	nm	<u> </u>					•••											
		<u> </u>						SES, SAFE									IONS		
3:00								& SAFET							PUMF	<u>'</u>			
1:30				•				MENT, TII					350	<u> </u>					
2:00	4:30				·			PMENT. D	RIL	<u>L TO</u>	443'								
0:30							EGREES											****	
4:30						35K/	110 RPM	DUSTING	3										
0:30	11:30	12:00	SER	VICE R	tIG													. ,	
1:00		- 13:00																	
3:00								, WELL M	IAKI	NG V	NATE	ER,ST	ART	ED MIST	r DRILL	<u> ING.</u>			
0:30	16:00	⁻ 16:30	SUR	VEY @	<u>)</u> 811' 0	<u>.75 D</u>	EGREES												
3:30	16:30	20:00	TOH,	, P/U N	IEW BI	<u>r tih</u>													
4:00	20:00	24:00	DRIL	L F/84	<u>7'-1219'</u>	35K	/110 RPM	MIST DR	RILL	ING.									
		-																	
		-																	
24 hr St	ummary:																		
Operatio	ns @ 05	00 Hrs:	DDII	LING (@ 1560														
L			DNIL	LIIVO (<u>w</u> 1300							EVEN:	:				v		
	Incident	22 Hours:				Sa	afety		Safe	ety Hrs	, Rig:			Safety	Hrs,			Accidents:	
	Incident	Hours:					tgs: fety Mtgs:	2	Safe	ety Hrs	s. Ria:		144	Othe Safety	rs: Hrs, Othe	ers:	24	Accidents:	
2 7 11	(Cumu	ulative)		- IDaile Te	annible C	(Cu	umulative)	13	(C	Cumula			840		mulative)		598 ment No. (D	(Carrigiative)	+
Daily Mu				<u> </u>	angible Co									\$11,110)			UWDCB	D2007DRL
Cum Mu	d Cost:			Cum Ta	angible Co	ost:	\$	5,089	Cun	n Drillir	ng Cos	st:	;	\$162,03	5 V	VBS EIG	ement No. (C	omp)	
Daily Co	mp Cost			Cum Co	ompletion	Cost		\$0	Cun	n Well	Cost			\$162,03		otal Ap	pr:	\$	207,600
Daily Wa	ter Cost:			Cum. W	ater Cost:		Fuel:	1,10	<u>-</u>	Bulk \	Wt:			ChevronT	exaco	73	API N	mber: 42-015-30	550
Profit Ce	enter:			L			Rig:			Rig P	hone:		E 00	7 074 4	Drilling I				
Field:				MCBU		Leas		UER RIG		<u> </u>		43	5-68 / Well	7-2714 #:	<u> </u>	6_13 <u>8</u>		George R. M	Morgan

Daily Cost Estimate Version 5 CAPITAL **EXPENSE** WBS#: UWDCBD2007DRL WBS#: Chevron Breakdown Daily Breakdown Daily Cost Element Description Vendor Cum Cum Sauer rig 30 \$ 7700/day 74400001 30,800 Rig - Daywork 0 74400002 Rig - Footage / Turnkey 0 24,057 0 0 1100GAL @ 0.91 1.001 1,001 3,594 0 71290100 Fuel - Diesel / Motor Fuels n 0 71290300 Utilities - Other (potable water O Rig Up / Rig Down 0 0 74400003 0 12,000 0 1,001 70,451 0 Rig Costs Total 0 6,000 1,000 0 66010100 Payroll & Other Benefits chevrontexaco 1,000 7,000 0 0 70000100 Contract Labor (Roustabouts) CALLAWAY 500 0 0 70000300 | Contract Labor (Consultants) 0 1,500 16,244 0 0 **Supervision Total** 71400100 Chemicals & Treating Agents 0 0 0 0 1,721 74400004 Drilling Fluids MI 0 0 0 0 0 71900500 Materials, Supply, Repair Parts 0 0 0 0 0 0 Mud, Materials Total 0 1,721 0 0 0 0 73400300 Other Transportation Services 0 0 0 74400006 Dir. Survey and Service Costs 4.800 4.800 7,126 0 0 74400007 Drill String Rentals and Bits 480 480 0 0 72300100 Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE 200 **FORKLIFT** 75 RAMS DRILL COLLARS 200 2,700 0 0 0 74500100 Contract Equip. & Serv. (w/ Oper) WEATHERFORD 2,700 0 0 0 0 0 0 75100300 X-Ray & Insp. Serv. 0 0 0 0 76200300 Comunnications 3rd party 0 0 0 0 74400009 Coil Tubing 0 0 74400010 Stimulation / Gravel Pack Materials 0 0 0 0 0 0 74400011 Pumping Service 0 0 0 0 74400014 Perforating & Electric Line Services 0 0 0 0 74400015 Slickline Services **Contract Rentals & Services Total** 0 0 7.980 26,381 0 0 74200300 | Solid Waste Disposa 0 0 74200600 Waste Water Disposal 0 0 0 0 Ω 0 0 **Waste Disposal Total** 0 0 0 0 0 74400017 Coring 0 0 0 0 74400018 Testing 0 0 74400019 Logging Wireline 0 0 74400021 Logging - Mud 0 0 0 0 0 0 0 0 **Formation Evaluation Total** 0 n n 0 71900021 | Well Pipe -Tubing >2" 3,989 0 0 71900022 Well Pipe - Casing 0 0 0 71900100 Well Equipment / Materials 0 1,100 71900110 Wellhead 0 0 0 0 0 0 71500100 Surface Lifting Eq. / Materials 0 0 0 5.089 **Tangible Equipment Total** 0 12,773 0 0 74400024 Cement & Cementing 0 0 0 74400025 Fishing Costs 0 O 0 0 74400013 Equipment Lost in Hole 0 20.000 0 0 74500021 | Site Work / Roads / Locations 629 0 0 629 9.376 94100700 Capitalized G&A Total Field Estimate (Daily) 11,110 0 **Total Estimated Cost (Cumulative)** 0 162,035 Days \$\$\$ Days \$\$\$ Days on Location: 6 **Original Appropriations Total Appropriated** Prepared By: Ria: George R. Morgan **SAUER RIG 30** Date THRU: Well No.: Field: BUZZARD BENCH Lease: STATE OF UTAH 36-138 06/18/2002



T165 RO SEC-36 43-015-30550



Che	vron]	Гехас	: BL	JZZARI	BENC		STATE	OF UTAI	1 3	6-13	8					Drill		vity Report	Version 5
Measure	d Depth:		2,6	i45 '	TVD:		2,645 '	PBTD:					Propo	sed MD:		4,1	70 ' Propos	ed TVD:	4,170 '
DOL:	7		DFS:		7	Spud	Date:	13-Jun-0	12	Daily I	Footag	e:		1,426 '	Daily	Rot Hrs:	22.5	Total Rot Hrs:	64.0
Torque:	<u>.</u>	Drag:		Rot Wt:	7.	1	P/U Weight:		S/O	Wt.			Last E	BOP Test:	L	06/18	3/2002	8	ECD 0
Last Cas	sing Size:	1		Set At:		-		TVD						Shoe Tes	t:	00/10	Leakoff	- ·	N 🗆
Cum Rot	t Hrs on (5/8 "	Ic	Cum Rot H	irs on	410 ' Casing Sinc	e Last Calip	er:		410	Whipst	ock Se	L et @:				KOP:	
Liner Siz			3	5.0 Set At:				TVD		35	5.0			Liner Top	Δŧ·			MD	TVD
	:e:						1117.71							Lines 10p				1	
Mud Co:				Type:	airm	ist			Sam	ple Fr	om:		Wt:		FV:		PV:	YP:	Gel:
WL API:		HTHP:		FC(1/32) API/HTH	P:		Solids:			% Oil:			% Water:		% Sand	1 :	мвт:	pH:
Pm:		Pf/Mf:		<u> </u>	Carb:		CI:	Ca/Mg:			Bent:			Solids % H	IG/LG:	<u> </u>		% DS/Bent:	
Engr Sei	rvice		Mate	rials ad	ded last			1			L			1					
			<u>.l.</u>	24 hrs	<u>:</u>			·				-							
Drlg Gas	ş.		Max G	as.			Conn. Gas:		-	Trip G	as:	-		Trip CI:			Remarks:		
5.1g Gu	··		1											<u> </u>	1		<u> </u>		
Bit No.	IADC	Size	Man	ufacturer		S	erial Number	Туре	,		Je	ets		TFA		MD In		MD Out	TVD Out
3	537	7 7/8	reed			Q	12052	HP53J	AC	20	20	20	16	1.1167		84	.7'		
Feet	Hou	ure.	WOB	RPM	I-R	OW/	O-Row	DC		10	ос	В		G		Char		?Pull	Cost/Ft
						-	0-11011	1 5	1					Ť		07,0,			
1,798'	26.	50	35	110	' 	_									1				
Total Le	ngth of Bl	ΗΔ.			BHA	Desc	ription:	<u> </u>						L					
- Color Edit				397 '				BIT, B	S, 2	(8"(DC),	XO, 9	6"	DC)					
										DC Si	ze:			DP Size:		Hour Ja	EAE	Hrs Since La Inspection	
5''				Charles	DD1	CTI	SPM	Droopuro		РМ		lot Vol		DP AV	D	CAV	Bit HHP	BHHP/SQ. IN.	Pump HHP
Bit	Ļ.	iner	+	Stroke	BBL/	SIK	SPM	Pressure	G	PM		Jet Vel		DP AV	بر [S AV	ынг	BHHP/SQ. IN.	Pullp nne
3				-	_			300							 				+
				-										ļ				<u> </u>	
s	Survey ME)	Angle		Directio	n	τv	'D		1	N/S Co	ordinate	е	E/W (Coordi	nate	Verti	cal Section	DLS
1,3	344 '		1.0																
1.8	302 '		1.3																
	268 '		1.0																
Hrs.	(From		1	<u> </u>			Opera	tions Coveri	ng 24	4 Hou	rs Endi	ing at M	lidnigh	nt					
	hh:r	nm	NO 4	CCIDE	NITC N	O NI	EAD MICS	EC CAE	ETV	/ TO	DICE	MAK	ING	CONNE	CTIC	M SIM	HII E MIST	DRILLING,DRI	VING SAFETY
0.00	0.00	- 00.00					K/ 110 RP					, IVIAN	IIVG	COMME	CHC	NO VV	THEE WIST	DIVICEINO, DIVI	VIIVO SALETT
2:00								TVI IVIIST	וואט	LLIIN	<u> </u>								
0:30					344' 1 DE						10.4	0.001	0/14			TUDN			
7:00							OK/ 110 RI	-M MIST	DR	ILLIN	IG 1-2	2 BBL	.5/ IVI	INUIEI	NKE	IUKN	<u>s</u>		
0:00	9:30				302' 1.25														
7:30							K/110 RP	MMISTL	KIL	LINC	ا +2 ز	BBLS	MIN	UIEINI	KEIL	JRNS.			
0:30					264' 1 DE														
6:30	17:30						K/110 RP												
		-	HAU	LING V	VATER	F/RI	ESERVE I	PIT W/ 2	TRU	JCKS	HAL	JLING	то	SWD 4.	P/U :	SECO	ND STRING	FLOAT @ 233	.4' .
		-																	
		-																	
<u> </u>	<u></u>	•			_												•		
<u> </u>		-																	
24 5 6		-																	
24 nr Si	ummary:																		
]																			
Operation	ons @ 05	00 Hrs:	DRIL	LING (2930														
Ì		23										EVEN:							
	Incident						fety	2	Safe	ty Hrs	, Rig:		144	Safety			44	Accidents:	
	Incident	Hours:					tgs: fety Mtgs:				s, Rig:			Othe Safety	Hrs, C			Accidents:	
Daily Mu	(Cumu			- TDaily Ta	angible Cos	(Cı	ımulative)	15		umula v Drillir	ntive) ng Cos	st:	984	1 100	mulati		642 Element No. (D	rla)	-
		\$1,	000								ng Cos			\$17,364	<u> </u>		Element No. (C	UWDCBD	02007DRL
Cum Mu			000		ingible Cos		\$	5,089				· L.		\$179,39	8	ļ <u> </u>		onip)	
Daily Co	mp Cost			Cum Co	ompletion (Cost		\$ 0	Cum	ı Well	Cost			\$179,39	8	Total A		\$	207,600
Daily Wa	ter Cost:	, , , , ,		Cum. W	ater Cost:	g	Fuel:	1,10	0	Bulk \	Wt:			Chevron	exacc	73	API Nu	mber: 42-015-305	550
Profit Ce	enter:	•	-	MCBU			Ria:	JER RIG		Rig P	hone:	43	5-6º.	7-2714	Drillin	ng Rep:	<u> </u>	George R. M	
Field:			00.00			Leas		STAT			.V П	-7-0-	Well		1	36-13	<u> </u>	Date:	9-Jun-02
I		BUZZAI	スセ マア	NUH				SIAII	ال ت	i- U I	ΔП		L			JU-13		<u> </u>	o ounter

Daily Cost Estimate CAPITAL **EXPENSE** UWDCBD2007DRL WRS# **Chevron** WBS# 0 Vendor Cost Element Description Daily Cum Daily Cum Sauer rig 30 \$ 7700/day 74400001 Rig - Daywork 7.700 7,700 38,500 74400002 Rig - Footage / Turnkey 24,057 0 0 0 1100 GALS@ .91 1,001 0 71290100 Fuel - Diesel / Motor Fuels 1.001 4,595 0 0 0 71290300 Utilities - Other (potable water) 0 74400003 0 12.000 0 0 Rig Up / Rig Down 8,701 79,152 0 0 **Rig Costs Total** 66010100 Payroll & Other Benefits CHEVRONTEXACO 1,000 1,000 7,000 0 0 0 0 70000100 | Contract Labor (Roustabouts) | CALLAWAY 500 500 7.500 70000300 Contract Labor (Consultants) 0 0 0 0 0 **Supervision Total** 1,500 17,744 1,000 1,000 1,000 0 71400100 Chemicals & Treating Agents SOAP 0 74400004 Drilling Fluids 0 1,721 0 0 0 0 0 Materials, Supply, Repair Parts 71900500 0 0 0 0 0 **Mud, Materials Total** 1,000 2,721 0 73400300 Other Transportation Services 0 0 0 0 0 0 0 0 74400006 Dir. Survey and Service Costs 74400007 **Drill String Rentals and Bits** n 7,126 0 0 72300100 Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE 200 480 480 0 0 **FORKLIFT** 75 RAMS 5 DRILL COLLARS 200 74500100 | Contract Equip. & Serv. (w/ Oper) 2,700 0 0 0 WEATHERFORD 2,700 0 0 0 0 0 75100300 X-Ray & Insp. Serv. 0 76200300 Comunnications 3rd party 0 0 0 0 0 0 0 0 74400009 Coil Tubing 74400010 Stimulation / Gravel Pack Materials 0 0 0 0 Pumping Service 0 0 0 0 74400011 74400014 Perforating & Electric Line Services 0 0 0 0 0 0 0 74400015 Slickline Services 0 3,180 0 0 **Contract Rentals & Services Total** 29,561 0 0 74200300 Solid Waste Disposal 0 2,000 2,000 2,000 0 0 NIELSON 74200600 Waste Water Disposal 2,000 2,000 0 0 **Waste Disposal Total** 74400017 Coring 0 0 0 0 0 0 0 74400018 Testing 0 0 0 0 74400019 Logging Wireline 0 0 0 74400021 0 Logging - Mud Formation Evaluation Total 0 0 0 0 0 0 0 0 71900021 Well Pipe -Tubing >2" 0 3.989 0 0 Well Pipe - Casing 71900022 Well Equipment / Materials 0 1,100 0 0 71900100 0 71900110 Wellhead 71500100 Surface Lifting Eq. / Materials 0 0 0 0 5,089 0 0 0 **Tangible Equipment Total** 0 12,773 0 0 74400024 Cement & Cementing 0 0 0 0 74400025 Fishing Costs 0 0 0 0 74400013 Equipment Lost in Hole Site Work / Roads / Locations 0 20,000 0 0 983 983 0 0 94100700 Capitalized G&A 10.358 Total Field Estimate (Daily) 0 17,364 **Total Estimated Cost (Cumulative)** 179,398 \$\$\$ Days \$\$\$ Days Days on Location: **Original Appropriations Total Appropriated** Prepared By: Rig: George R. Morgan SAUER RIG 30 BUZZARD BENCH Lease: Date THRU: Field: Well No : STATE OF UTAH 06/19/2002 36-138

T165 ROPE SI -36 011 43-015-30550

			BU	ZZARD	BENCH	1	STATE	OF UTAH	1 3	6-13	8		_			Urilli			ity Report	Version 5
	d Depth:			21 '	TVD:		3,521 '	PBTD:					Propo	sed MD:		4,17	<u>'0'</u>	Propose		4,170 '
DOL:	8		FS:		8	Spud I	Date:	13-Jun-0	2	Daily	Footag	e:		876 '	Daily F	Rot Hrs:		24.0	Total Rot Hrs:	88.0
Torque:		Drag:		Rot Wt:	85	5 F	P/U Weight:		S/O	Wt.			Last E	3OP Test:		06/18	3/2002		8	ECD 0
Last Cas	ing Size:	8- 5	5/8 "	Set At:			410 '	TVD			410	· · · · · · · · · · · · · · · · · · ·		Shoe Test	:			.eakoff?	Y	N 🗆
Cum Ro	t Hrs on (9.0	Cum Rot H	rs on (Casing Since	e Last Calip	er:	50		Whipsto	ock Se	et @:					KOP:	
Liner Siz	:e:		38	Set At:				TVD			J.J]			Liner Top	At:				MD	TVD
Mud				Type:			1	· · · · · · · · · · · · · · · · · · ·	Sam	ple Fr	rom:		Wt:	<u> </u>	FV:		PV:		YP:	Gel:
Co: WL API:		HTHP:		FC(1/32)	aera API/HTHI		luid	Solids:			% Oil:	i		% Water:		% Sand	l:		MBT:	pH:
Pm:		Pf/Mf:		`	Carb:		CI:	Ca/Mg:			Bent:			Solids % H	G/LG:				% DS/Bent:	
Engr Se	ndoo		1 Mate	rials add										,						
Eligi Se		·····	Ividio	24 hrs		-														
D : 0			Iv o			17	Conn. Gas:		_	Trip (200:			Trip CI:		- 1	Remark	·e·		
Drlg Gas	s: 		Max G	as:			Conn. Gas:		_	търс	Jas.			THE CI.			reman.		-	
Bit No.	IADC	Size	Man	ufacturer		Se	rial Number	Туре			J	ets		TFA		MD In			MD Out	TVD Out
3	537	7 7/8	reed			Q1	12052	HP53J	AC	20	20	20	16	1.1167		84	7'			
Feet	Ho	urs	WOB	RPM	I-Ro	w	O-Row	DC		L	.ос	В	3	G		Char			?Pull	Cost/Ft
2,674'	50.		35	110		\neg														
2,074	30.			1		1														
Total Le	ngth of B	L. HA:		207 '	BHA I	Descri	iption:	PIT D) / 0"	DC /	YO 1) (S"	DC)	L				L	
 				397 '				BIT, B	J, Z	. (0	<u> </u>	۸٥, ۶	, ₍ ()	<i>50</i> j						
 -																			···	
<u> </u>										DC S	Size:			DP Size:		Hours	s On		Hrs Since La	est
		_	r		- 1	1	Т	- T			···			-		Jar		78.5	Inspection	70 5 1
Bit	L	iner	 	Stroke	BBL/	sтк	SPM	Pressure	G	PM	 	Jet Vel	<u> </u>	DP AV	DC	AV	Bit I	HHP	BHHP/SQ. IN.	Pump HHP
3	6	3		16	0.1	45	40	550	2	44	_	70		96	9	96	(0	0.00	78
]											ļ						
5	Survey Mi	D	Angle		Directio	n	τv	/D			N/S Co	ordinat	е	E/W (Coordin	ate		Vertic	al Section	DLS
										-										
Hrs.	(From		Ī				Opera	tions Coveri	ing 2	4 Hou	ırş End	ing at M	lidnigt	nt		··········				
<u> </u>	hh:i	<u>mm</u> -		ACCIDE	NTS NO	NE	AR MISS	ES SAFE	TY	TO	PIC D	RILLI	NG V	V/ AIR M	IST.D	RILLI	NG W	/ AER	ATED FLUID.	
2:00	0:00	- 02:00					K/110 RP				, _								***************************************	
0:30		- 02:30																		
21:30) 35k	K/110 RP	M @ 20:0	00 S	WIT	CH T	O DRI	ILLIN	IG W/ AE	RAT	ED FL	UID P	UMPII	NG 40 SPMW/	1000CFM.
		-			•••	-														
		-										·								
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		-																		
		-		<u> </u>			 													
24 hr S	ummary:	-10.0																		
																			<u></u>	
Operation	ons @ 05	600 Hrs:	DRIL	LING (ඹු 3950'															
		23										EVEN:	:							
	Inciden	t Hours:				Saf Mtd	fety gs:	2	Safe	ety Hr	s, Rig:		132		rs:			48	Accidents:	
		t Hours: ulative)		_		Safe	ety Mtgs: mulative)	17			rs, Rig: ative)	1	,116	Safety (Cu	Hrs, O mulativ			690	Accidents: (Cumulative)	-
Daily M	ud Cost:		.000	Daily Ta	ngible Cos						ling Cos			\$18,070			lement	No. (Dr		2007DRL
Cum M	ud Cost:		000	Cum Ta	ngible Cos	it:	e	5,089	Cun	n Drill	ing Cos	st:		\$196,12		WBS E	lement	No. (Co		
Daily Co	omp Cost		000	Cum Co	ompletion (Cost	Φ		Cun	n Wel	II Cost			\$196,12		Total A	ppr:		\$	207,600
Daily W	ater Cost:	·		Cum. W	ater Cost:		Fuel:	\$0	L	Bulk	Wt:			Chevron1				API Nu	nber:42-015-30(207,000
Profit C	enter:					- \$(Ria:	1,70		Rig i	Phone:				Drillin	73 g Rep:		S. sindebace		
Field:				MCBU		Lease	SA	UER RIG		L		43	5-68 Well	7-2714 #:	<u></u>				George R. M	
i ieid.		BUZZA	RD BE	NCH				STAT	E 0	F U	TAH					36-13	8		. 2	0-Jun-02

Daily Cost Estimate CAPITAL EXPENSE Chevron WBS#: UWDCBD2007DRL WBS #: 0 Description Vendor Breakdown Daily Cum Breakdown Daily Cum 74400001 Sauer rig 30 \$ 7700/day 7,700 7,700 44,931 Rig - Daywork 24,057 0 0 74400002 Rig - Footage / Tumkey 0 1700 GALS @ .98 1,667 1,667 6,262 0 0 71290100 Fuel - Diesel / Motor Fuels 0 0 71290300 Utilities - Other (potable water) 0 0 0 12,000 0 74400003 Rig Up / Rig Down 0 9,367 <u>87,250</u> ٥ **Rig Costs Total** 66010100 Payroll & Other Benefits 1,000 1,000 8,000 0 0 CHEVRONTEXACO Contract Labor (Roustabouts) CALLAWAY 500 500 8,000 0 0 70000100 0 0 70000300 | Contract Labor (Consultants) Supervision Total 1,500 25,049 0 0 0 71400100 Chemicals & Treating Agents SOAP 1.000 1,000 2,000 0 1,721 0 74400004 Drilling Fluids 0 0 0 0 0 0 71900500 Materials, Supply, Repair Parts 0 n O 3,721 0 0 1.000 Mud, Materials Total 0 0 0 73400300 Other Transportation Services 0 0 0 0 74400006 Dir. Survey and Service Costs 7,126 0 0 74400007 Drill String Rentals and Bits 0 2,875 0 72300100 Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE 200 FORKLIFT 75 RAMS 200 DRILL COLLARS 2,700 0 0 0 74500100 Contract Equip. & Serv. (w/ Oper) 2,700 0 0 WEATHERFORD 75100300 X-Ray & Insp. Serv. 0 0 0 0 0 0 0 0 76200300 | Comunnications 3rd party 0 0 74400009 | Coil Tubing 0 0 74400010 Stimulation / Gravel Pack Materials 0 0 0 0 0 0 0 74400011 Pumping Service n 74400014 Perforating & Electric Line Services 0 0 0 0 0 0 74400015 Slickline Services n 0 0 0 3,180 26.936 Contract Rentals & Services Total 0 0 74200300 Solid Waste Disposal 74200600 Waste Water Disposal 0 NIELSON 2.000 2.000 2.000 0 4,000 0 0 2.000 **Waste Disposal Total** 0 0 74400017 Coring 0 0 74400018 Testing 0 0 0 0 0 74400019 Logging Wireline 0 0 0 0 74400021 Logging - Mud 0 0 0 0 0 0 0 **Formation Evaluation Total** 0 0 71900021 Well Pipe -Tubing >2' 0 0 0 0 3.989 71900022 Well Pipe - Casing 0 1,100 0 0 71900100 Well Equipment / Materials 0 C 71900110 Wellhead 71500100 Surface Lifting Eq. / Materials 0 0 0 0 0 0 0 5,089 **Tangible Equipment Total** 0 0 74400024 | Cement & Cementing n 12,773 74400025 Fishing Costs 0 0 0 0 0 0 0 74400013 Equipment Lost in Hole 20,000 0 0 74500021 | Site Work / Roads / Locations 1,023 1,023 11,305 0 94100700 Capitalized G&A Total Field Estimate (Daily) 18,070 0 Total Estimated Cost (Cumulative) 196,123 \$\$\$ Days \$\$\$ Days Days on Location: 8 Original Appropriations **Total Appropriated** Prepared By: Rig: George R. Morgan SAUER RIG 30 Date THRU: BUZZARD BENCH Lease: Well No.: Field: 06/20/2002 STATE OF UTAH 36-138

7 165 ROTA SEC-36 43-015-30550

CONFIDENTIAL

			S BL	JZZARD			STATE	OF UTA	H 3	36-138					L	riiiin		ity Report	Version 5
Measure	d Depth:		4.1	72 '	TVD:		4,172 '	PBTD:					Propo	sed MD:		4,170	Propose	d TVD:	4,170 '
DOL:		<u> </u>	DFS:		`	Spud D		13-Jun-0	2	Daily F	ootag	е:		651 '	Daily Ro		15.5	Total Rot Hrs:	103.5
Torque:	9	Drag:		Rot Wt:	9	 	VU Weight:		S/O	Wt.		Ī	Last E	BOP Test:				<u> </u>	FCD
	-i Ci			Set At:	9	0 .		TVD				1		Shoe Test		06/18/2	002 Leakoff?	8	1 0
	sing Size:	8- :	5/8 "				410 '			•	410 '						Leakon	Y	N 🗆
Cum Ro	t Hrs on (Casing:	74	4.5	um Rot H	trs on C	Casing Sind	e Last Calip	oer:	74.	5	Whipsto	ock Se	et @:				KOP:	
Liner Siz	:e:			Set At:				TVD						Liner Top	At:			MD	TVD
Mud			***	Туре:					Sam	nple Fro	m:	ľ	Wt:	1	FV:	PV		YP:	Gel:
Co: WL API:		HTHP:		FC(1/32)		ated flu	uid	Solids:		19	% Oil:			% Water:	l	6 Sand:		MBT:	pH:
				, ,										Solids % H				% DS/Bent:	
Pm:		Pf/Mf:			arb:		SI:	Ca/Mg:			Bent:			Solids % Fi	G/LG.			% DS/Bent.	
Engr Se	rvice		Mate	rials add 24 hrs:															
				2111101															
Drlg Gas	3:		Max G	as:		C	onn. Gas:			Trip Ga	as:			Trip CI:		Re	marks:		
		r	+																
Bit No.	IADC	Size	Man	ufacturer		Seri	ial Number	Туре	е	<u> </u>	Je	ets		TFA		MD In		MD Out	TVD Out
3	537	7 7/8	reed			Q1	2052	HP53	JAC	20	20	20	16	1.1167		847'			
		<u> </u>		T	\top	<u> </u>					\dashv			_					
Feet	Ho	urs	WOB	RPM	I-R	low	O-Row	DC		Loc	C	В	1	G		Char		?Pull	Cost/Ft
3,325'	66.	.00	35	110	2		2	FC		Α	_	E	:					TD	
Total Le	ngth of B	HA:		397 '	ВНА	Descrip	otion:	BIT, B	S. 2	2 (8"D	C).	XO. 9	(6" [DC)					
	-							2,0	, , ,	- 10 5	<u> </u>	7.0,0	,,,,,,						
														~ AST					
										DC Siz	Α.			DP Size:		Hours O	n	Hrs Since La	ast
										00 312				DF 3126.		Jars:	94.0	Inspection	
Bit	L	iner		Stroke	BBL	/STK	SPM	Pressure	G	SPM .		Jet Vel		DP AV	DC /	AV	Bit HHP	BHHP/SQ. IN.	Pump HHP
3	6	`		16	0.1	145	40	550	2	244		70		96	96		0	0.00	78
					 "	' -	1	550	_			-,-		- 50		-		0.00	
						-+	L		\vdash									J	+
s	urvey Mi		Angle		Direction	on	T۱	/D	_	N.	/S Co	ordinate	<u> </u>	E/W C	Coordina	te	Vertic	cal Section	DLS
2,6	80 '		2.0																
3.6	80 '		0.5																
	136 '		1.3																
	(From	1 -To)	Т				Opera	tions Cover	ina 2	A Hours	Endi	ing at M	lidaiah	<u> </u>					
Hrs.	hh:r																		
		-						SES, SAF					PING	PIPE, F	VU LO	GGERS	<u> </u>		
15:30	0:00	⁻ 15:30	DRIL	L F/ 376	60'-417	2' 35K	/110 RP	M USING) AE	RATE	DF	LUID.							
1:00	15:30	- 16:30	CIRC	ULATE															
3:30	16:30	- 20:00	SHO	RT TRIE	TO L	AY DC	OWN ST	RING FLO	TAC	Γ									
0:30	20:00	- 20:30	SUR	VEY@	4136' 1	.25 DI	EGREES	S .											
3:30	20:30	- 24:00	тон (TAKING	3 SUR	/EYS	@ 3680	1/2 DEG	REE	E,3180	1/2	DEG	REE,	2680 2	DEGR	EES			
		-																	
		-																	
<u> </u>																			
																	 		
		-																	
24 hr 6	ummary:	-																	
24 Hr 3	ummary.																		
Operation	ons @ 05	00 Hrs:	TILL T	TO L/.D	וופח	STDIN	VIC.												
			нα		DIVILL	<u> </u>	,					EVEN:							
	incident	23 Hours:				Safe	ety		Safe	ety Hrs,	Rig:			Safety	Hrs,			Accidents:	
						Mtgs		2		ety Hrs,			132	Other		ers:	60	Accidents:	
		l Hours:		-		(Cum	ty Migs: nulative)	19	(C	Cumulati	ve)		248		nulative))	750	(Cumulative)	-
Daily Mu	d Cost:	\$1	,000	Daily Tar	ngible Co	st:			Dail	ly Drilling	g Cos	t:		\$24,995	1		nent No. (Dri	UWDCBD	2007DRL
Cum Mu	d Cost:		,000	Cum Tar	ngible Co	st:	¢	5,089	Cun	n Drilling	Cos	t:		\$221,118	Tiv	VBS Elen	ent No. (Co	mp)	
Daily Co	mp Cost			Cum Co	mpletion	Cost	φ		Cun	n Well C	Cost				7	otal Appr	:	· ·	207 600
	iter Cost:			Cum. Wa	ter Cost		Fuel:	\$0	1	Bulk W	/t:	-		\$221,118 ChevronT			API Nur	s mber:	207,600
						\$0		1,70	00						Drilling	73		42-015-305	550
Profit Co	enter:			MCBU			Rig: SAI	UER RIG	30	Rig Ph	one:			7-2714	Priming	izeh:		George R. M	organ
Field:			DD DE		-	Lease:		CTAT		C LITA			Well	#:		6-138		Date:	1lun-02

Daily Cost Estimate CAPITAL EXPENSE UWDCBD2007DRL Chevron WBS#: WBS # Cost Element Description Vendo Daily Daily Cum 74400001 Rig - Daywork Sauer rig 30 \$ 7700/day 7,700 7,700 52,631 0 74400002 Rig - Footage / Turnkey 0 24,057 0 0 1000 GALS @ .98 980 980 7,242 0 0 71290100 Fuel - Diesel / Motor Fuels 71290300 Utilities - Other (potable water) 0 0 0 74400003 Rig Up / Rig Down 0 12,000 0 0 8,680 95,930 0 0 Rig Costs Total 66010100 Payroll & Other Benefits CHEVRONTEXACO 1,000 1,000 9,000 0 0 500 8,500 0 70000100 Contract Labor (Roustabouts) CALLAWAY 0 70000300 Contract Labor (Consultants) 0 0 0 1.500 26,549 0 0 **Supervision Total** 71400100 Chemicals & Treating Agents SOAP 1,000 1,000 3,000 0 0 MI 74400004 Drilling Fluids 0 1,721 0 0 0 71900500 Materials, Supply, Repair Parts 0 0 0 Mud, Materials Total 1,000 4,721 0 0 0 0 73400300 Other Transportation Services 0 0 0 74400006 Dir. Survey and Service Costs 0 0 0 0 7,126 ი 74400007 Drill String Rentals and Bits 0 480 3,355 0 72300100 Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE 200 0 FORKLIFT 75 5 RAMS DRILL COLLARS 200 2,700 0 0 74500100 Contract Equip. & Serv. (w/ Oper) 0 WEATHERFORD 2,700 0 0 0 0 0 75100300 X-Ray & Insp. Serv. 0 76200300 | Comunnications 3rd party 0 0 0 0 0 0 0 0 74400009 Coil Tubing 74400010 Stimulation / Gravel Pack Materials 0 0 0 0 74400011 Pumping Service 0 0 0 0 0 0 0 74400014 Perforating & Electric Line Services 0 0 74400015 Slickline Services 0 0 0 **Contract Rentals & Services Total** 3,180 30,116 0 0 0 74200300 Solid Waste Disposal O 0 74200600 Waste Water Disposal **NIELSON** 2,000 2,000 2,000 0 0 **Waste Disposal Total** 2,000 6,000 0 0 Coring 0 74400017 0 0 0 0 74400018 0 0 0 Testing Logging Wireline 0 SCHLUMBERGER 7.220 7,220 7.220 74400019 0 74400021 Logging - Mud 0 0 <u>7,2</u>20 7,220 0 0 Formation Evaluation Total 0 0 71900021 | Well Pipe -Tubing >2" 0 0 3,989 0 71900022 Well Pipe - Casing 0 0 0 1,100 0 0 71900100 Well Equipment / Materials 71900110 Wellhead 0 0 0 71500100 Surface Lifting Eq. / Materials 0 0 0 5,089 0 0 **Tangible Equipment Total** 0 0 0 74400024 Cement & Cementing 0 0 0 0 74400025 Fishing Costs Equipment Lost in Hole 0 0 0 0 74400013 0 74500021 Site Work / Roads / Locations 0 20,000 0 94100700 Capitalized G&A 1.415 1.415 12,720 0 0 Total Field Estimate (Daily) <u>24,9</u>95 0 Total Estimated Cost (Cumulative) 221,118 Days \$\$\$ \$\$\$ Days Days on Location: 9 **Original Appropriations Total Appropriated** Prepared By: Rig: **SAUER RIG 30** George R. Morgan Date THRU: Well No.: Field: BUZZARD BENCH Lease: STATE OF UTAH 36-138 06/21/2002

THIS ROPE : C-36 43-015-30550

CONFIDENTIAL

			;ı BU	JZZARD			STATE	OF UTAH	1 3 ⁴	6-138	8				'	וווווזע			vity Report	Versio
Measure	ed Depth:			201 '	TVE		4,201 '	PBTD:					Propos	osed MD:	 	4,170	0' Pro		ed TVD:	4,170 '
DOL:	10		DFS:		10	`	d Date:	13-Jun-0)2	Daily F	Footag			29 '	Daily F	Rot Hrs:		0.0	Total Rot Hrs:	103.5
Torque:		Drag:		Rot Wt:			P/U Weight:		S/O	Wt.			Last P	BOP Test:		06/18/	/2002		8	ECD 0
Last Cas	sing Size:	<u> </u>	5/8 "	Set At:			410 '	TVD			410 '			Shoe Test	t:			akoff?	Y	N 🗌
Cum Rot	t Hrs on C			, _ C	Jum Rof	t Hrs on		ce Last Calip	er:			Whipsto	ock Se	<u>l</u> et @:					KOP:	
Liner Size	.e:			4.5 Set At:				TVD			<u>,.5 </u>			Liner Top	At:			—	MD	TVD
Mud				Type:					Sam	ple Fro	om:		Wt:	Щ.	FV:	F	PV:	—	YP:	Gel:
Co: WL API:		HTHP:		FC(1/32)	API/H	erated f	<u>íluid</u>			-	% Oil:			% Water:		% Sand:		\dashv	MBT:	pH:
		Pf/Mf:		<u> </u>	Carb:		CI:	Ca/Mg:			Bent:		!	Solids % H		<u> </u>			% DS/Bent:	<u>'</u>
Pm:		Pi/Mi.	1 Mot				<u> </u>	Carwy.			Dein.			00.00						
Engr Ser	vice		Male	erials add 24 hrs:		<u>. </u>														
Drlg Gas	ş:		Max G	as:			Conn. Gas:			Trip G	as:			Trip CI:		R	Remarks:			
Bit No.	IADC	Size	Man	nufacturer		s	erial Number	r Type	a		J	ets		TFA		MD In			MD Out	TVD Out
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3,354'	66.0	00	35	110	+	2	2	FC	\dashv	A		E	<u>:</u>	<u> </u>	-		-+	—	TD	
Totalla	ngth of Bl	114.			BŁ	IA Descr	rintion:	Ш		<u> </u>		<u> </u>		<u></u>	<u> </u>				L	
l Otal Lei	igti oi si	1A:		397 '		———	iption.	BIT, B	<u>S, 2</u>	<u>² (8"</u> [<u>DC),</u>	XO, 9) (6" [DC)						
<u> </u>																				
l																				
										DC Si	ize:			DP Size:		Hours Jars	^	94.0	Hrs Since La Inspection	
Bit		iner		Stroke	В	BBL/STK	SPM	Pressure	G	SPM		Jet Vel		DP AV	D(CAV	Bit HH	IP_	BHHP/SQ. IN.	Pump HH
3	6		1	16		0.145	40	550		244		70		96	T	96	0		0.00	78
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s	Survey MD	٠	Angle		Direc	tion	T\	VD	 	'	N/S Co	oordinat	e	E/W (Coordin	nate		Vertic	cal Section	DLS
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						!	<u> </u>		L					<u> </u>						
Hrs.	(From	n -To) mm					Opera	ations Coveri	ing 2	4 Hou	rs End	ing at M	lidnigh	nt						
			NO /	ACCIDE	NTS,	NO NE	EAR MISS	SES, SAFE	ETY	ME	ETING	G TOF	2ICS	, LOGGI	NG, I	_AYING	JOWI	N PII	PE.	
1:30	0:00	- 01:30) ТОH	FOR LO	ogs															
4:00	1:30	05:30	J R/U	SCHLU'	MBEF	≀GER	& LOG W	// PLATFO	<u>)RM</u>	1 EXF	PRES	S, LO)GGE	ER TD 42	201'					
4:30	5:30	10:00	<u>י אוד נ</u>	W/ DRIL	LLING	ASSE	EMBLY													
6:00	10:00	- 16:00	J R/U	LAYDO'	WN M	<u>/ACHI</u>	NE & L/D	DRILL ST	<u> [RIN</u>	√G_										
6:00	16:00							4163' 5.5												
1:00							-	NG W/ 165												
1:00	23:00	- 24:00) SET	SLIPS	, N/D [[]	BOP S	STACK &	CUT OFF	RE	<u>ELEA</u>	SE S	3AUEF	₹ RIG	3 30 6-2 ⁴	<u>4-200</u>	2@00	:00 A.M	<u>/l</u>		
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24 18 0	Jimia y.																			
<u></u>																				
Operation	ons @ 05	00 Hrs:	RIG	GING D	OWN															
		23										EVEN:	:							
	Incident	t Hours:					afety Itgs:	2	Safe	ety Hrs	s, Rig:		144	0,000	ers:			120		
		nt Hours:	L.	_		Sat	afety Mtgs: (umulative)	21		fety Hr: Cumula	rs, Rig: ative)	1	,392		/ Hrs, O umulativ			870	Accidents: (Cumulative)	
Daily Mu		ulative)		Daily Ta	angible C						ing Cos		<u></u>	\$58,969			lement No	o. (Dr	rla)	D2007DRL
Cum Mi	ud Cost:			Cum Ta	angible C	Cost:			Cur	n Drilli	ing Cos	st:				WBS E	lement No	o. (Cc		7200, 2
	omp Cost		,000	Cum Cr	ompletio	on Cost		35,207	Cur	m Well	I Cost			\$280,087		Total Ap	ppr:			207.6
	ater Cost:				ater Cos		Fuel:	\$0 :	<u> </u>	Bulk \				\$280,081 ChevronT			- AF	Pl Nur	mber:	207,6
				, Curin			\$0	500	<u>0</u>							73 ng Rep:			42-015-305	550
Profit Co	enter:			MCBU				UER RIG	30	Kig r	Phone:	43		7-2714	Dinn	ig Kep.			George R. M	<i>l</i> lorgan
Field:				NOU		Leas	se:	CTAT		· - 1.17	FALL		Well	#:		36-138			Date:	22-Jun-02

Daily Cost Estimate CAPITAL EXPENSE UWDCBD2007DRL WBS#: Chevron Daily Breakdown Daily Description Vendor Cost Element 7,700 7,700 60,331 Sauer rig 30 \$ 7700/day 74400001 Rig - Daywork 0 24,057 0 0 74400002 Rig - Footage / Turnkey 490 490 7,732 0 0 500 GAL @ .98 71290100 Fuel - Diesel / Motor Fuels 0 71290300 Utilities - Other (potable water) 0 C 0 0 0 12,000 0 74400003 Rig Up / Rig Down Rig Costs Total 8,190 0 0 104,120 0 CHEVRONTEXACO 1,000 1,000 10,000 0 66010100 Payroll & Other Benefits 0 70000100 | Contract Labor (Roustabouts) | CALLAWAY 9,000 0 500 500 O 0 70000300 | Contract Labor (Consultants) | R&S CASERS 6.287 6,287 6,287 0 0 7,787 34.336 **Supervision Total** 0 0 0 3,000 0 71400100 Chemicals & Treating Agents SOAP 0 1,721 74400004 Drilling Fluids 0 0 0 0 0 0 71900500 Materials, Supply, Repair Parts 0 0 0 4,721 0 0 Mud, Materials Total 0 0 0 O 73400300 Other Transportation Services 0 0 C 74400006 Dir. Survey and Service Costs 0 7.126 0 Drill String Rentals and Bits n 74400007 0 3,835 0 480 72300100 Surf. Equip.Rentals (w/o Oper) TRAILER HOUSE 200 **FORKLIFT** 75 RAMS 5 DRILL COLLARS 200 2,700 0 0 0 74500100 Contract Equip. & Serv. (w/ Oper) WEATHERFORD 2,700 0 0 0 0 0 0 75100300 X-Ray & Insp. Serv. 0 n 0 0 76200300 | Comunnications 3rd party 0 0 0 0 74400009 Coil Tubing 0 74400010 Stimulation / Gravel Pack Materials 0 0 n 0 0 0 74400011 Pumping Service 0 0 n n 74400014 Perforating & Electric Line Services 0 0 0 74400015 Slickline Services 33,296 3,180 0 0 **Contract Rentals & Services Total** 0 74200300 Solid Waste Disposal 0 0 n 0 0 0 NIELSON 0 74200600 Waste Water Disposal 6,000 0 0 0 **Waste Disposal Total** 74400017 Coring 0 0 0 0 0 0 74400018 Testing 74400019 Logging Wireline **SCHLUMBERGER** 0 0 7,220 0 0 0 0 0 74400021 Logging - Mud 0 0 0 7,220 Formation Evaluation Total 0 0 0 0 71900021 | Well Pipe -Tubing >2" 0 30,118 30,118 34,107 0 PRODUCTION 71900022 Well Pipe - Casing 71900100 | Well Equipment / Materials 0 1,100 0 0 0 71900110 Wellhead O ol 0 71500100 Surface Lifting Eq. / Materials 0 30,118 35.207 0 Tangible Equipment Total 0 DOWELL 6,356 6,356 19,129 0 74400024 Cement & Cementing 0 0 74400025 Fishing Costs 0 0 0 0 0 74400013 Equipment Lost in Hole 0 0 20,000 0 74500021 Site Work / Roads / Locations 3,338 3,338 16,058 0 0 94100700 Capitalized G&A Total Field Estimate (Daily) <u>58,</u>969 0 Total Estimated Cost (Cumulative) 280,087 \$\$\$ Days \$\$\$ Days Days on Location: 10 Original Appropriations Total Appropriated Prepared By: Rig: George R. Morgan SAUER RIG 30 Date THRU: Well No.: Field: Lease: 06/22/2002 BUZZARD BENCH STATE OF UTAH 36-138

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES**

DIVISION OF OIL, GAS AND MININC

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ENT	1 I T	AL		NI	-0	L/M

Operator:

Texaco Exploration and Production Inc,

Operator Account Number: N 5700

Address:

11111 Wilcrest

city Houston

state TX

zip 77099

Phone Number: (281) 561-4894

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4301530550	State of Utah 36-138	}	SWNW	36	178	R8E	Emery
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	1	ty Assignment ffective Date
Α	99999	13161	5	17-0	2	7-1	1-02

Comments:

CONFIDENTIAL

Wall 2

API Number	Well I	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	S	Spud Da	te		ity Assignment ffective Date
omments:	1						

Well 3

API Number	Well I	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	S	Spud Da	te		ity Assignment Effective Date
						RE	CEIVED

Comments:

JUL 0 1 2002

DIVISION OF OIL, GAS AND MINING

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Edna Wilkerson

Name (Please Print)

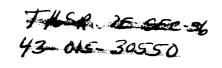
Signature

Eng. Tech

6/25/2002

Title







<u>State</u>	<u> </u>	<u>Jtan</u>		<u> </u>				Dai			/ WO Repo	Version 3.0
Start Date:		07/18/2003	2	Actual Days:	1	Α	uth. Days:	TD:	4,201'	PBTD:	4110'	
Job Descripti	on:	Initial Completion						KB Correction	n:	10'	Job Code:	COMP
Fluid Type:	2% kc	1					Weight:	8.4 pp	oa T			
Prod. Casing		5 1/2"	WT:	17#	Grade:	P-110			163'		Cmt. Top @	2900'
Liner OD:	0.20.	3 1/2	Wt:	1717	Grade:	1-110		MD:	Top @MD	:		
Tubing OD	Wt.	Grade	1	Threads	Depth	T	100.6		Details			
Tubing OD	VV L.	Grade		Trireaus	Бери				Details			
		<u> </u>		-								
Packer	@		Packe	Make & Mod	el		Perforations:		Details			
						·						
Fish Top:				Details:								
Hrs. From:	To:	Operations Co	vering 2	24 Hours - End	ding at Midnig	ht (24:00 hr	rs)					
12:00	12:45						Shlumberger, rih	with 4.5" od (GR/Junkbas	ket, tagg	ed PBTD @ 411	0', POOH.
12.00	12.75	Tield Salety	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ng, alouooc	7 4 1 Pto 71	, , , , , , ,	3.11 			,		
12:45	14:15	Rih with SI	T- Llo	naina tool	correlated	lenth with	n Schlumberger	Compensated	Neutron Tr	inle Litho	density Gama R	ay log
12.43	14.13	dated 6/22/	02 D	n CBL /GE	CCL log f	rom DRTI	D to 2700', 200'	above ETOC	@ 2000' wit	h A nei or	well nooh Rdr	27.09
	 				VCCL log I	IOM F D I	D 10 2700, 200	above L100	@ 2300 WIL	ii o pai oi	i well, poort. Ital	
	 	logging equ	ipmer	it.								
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14:15	24:00	Logging op	eration	completed	d, final repo	ort until ac	ctivity resumes.					
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			Direc	tions: From H	untington, Uta	h turn west	on Hwy 31, go 7.5 n	miles, turn left ont	to paved road,	proceed 4/1	0 of a mile, turn righ	t onto
			lease	road, go arou	and pond, follo	ow main roa	d 1.1 miles to location	on. (39 deg. 23.4	7N 111 deg.	0.5.64 W)		
	1			*****								
	1											
SAFETY ME	ETINGS	HELD:		1	OSHA MAN	HRS:	RIG:	ОТІ	HERS:		6 TOTAL:	6
CUMULATIV			Mtg	1			RIG:	_			6 TOTAL:	6
Fluid Lost To			Daily			Cumulativ						
		···				Chevron:		Other:			Total:	0
Hours Charge				actor:		Grievion:		Olliel.			L, Otol.	
Remarks:	Final	report until activi	ty resu	ımes.								
								To:				
G&A:		H2S:		na	Accidents		nr	Chevron %:		-		
Daily Intangit	ole Cost:	\$8,872	Daily	Tang. Cost:		0	Daily Comp Cost:				apital) UWDCBD	
Cum Intangib	le Cost:	\$2,755	Cum	Tang Cost:	\$6,	117	Cum Comp Cost:	\$8,872	WBS Eler	nent No. (E)		2007COM
Previous Cor	np Cst\$		Final	Drilling Cost			Cum Well Cost:			Total App		-
										API Well		15-30550
Profit Cntr	MCBL	J		Rig: no	ne			915.553.4667	7 WOF	•	Mike Coit	
Field:		rd Bonch			ate of Litab		Well #	36-138		Date:	18-Jul-02	

				_			Cost Es	<u>timate</u>		Version 3.0
						CAPITAL		E	XPENS	E
Chevro	n				WBS#:	UWDCBD	2007COM	WBS #:	UWDCBD	2007COM
Cost					Breakdown	Daily	Cum	Breakdown	Daily	Cum
Element	Descri	ption	Vendor		Dieakuowii			Dieakuowii		- Cum
	Rig - Daywork					0	0		0	0
	Rig - Footage / Turnke					0	0		0	0
	Fuel - Diesel / Motor F					0	0		0	0
71290300	Utilities - Other (water) Mobilization / De-Mobil	lization		· -		0	0		0	
74300023		osts Total				0	0		Ö	Ō
94100900	Company Supervision	00t0 10tai				0	0		0	
	Consultants					0	0		0	0
		sion Total				0	0		0	0
74400004	Drilling Fluids					0	0		0	0
71900500	Materials, Supply, Rep					0	0		0	0
	Mud, Mater					0	0		0	0
	Other Transportation S					0	0		0	
	Directional Survey and		OSIS			0	0		0	
/4400007	Drill String Rentals and	BILS				· · · · · ·	<u> </u>		U	
72200100	Surface Equipment De	otale	ABB Vetco Gray		615	930	930		0	0
12300100	Surface Equipment Re	ii italə	Gardiners Roustabou	ut	315	550	- 550			
			Caramero riodotaboa	·	0.0					
		-								
72300200	Subsurface Service Ed	Rentals_				0	0		0	0
				<u> </u>					0	0
74400009	Coil Tubing	1. 84 - 8	1-			0	0		0	
	Stimulation / Gravel Pa	ack Materia	IS			0	0		0	
	Pumping Service Perforating & Electric I	ine Servic	Schlumberger		1,825	1,825	1,825		0	
	Slickline Services	LITTE SETVICE	Octifulliberger		1,020	0	0		ō	
	ntract Rentals & Serv	ices Total				2,755	2,755		0	
	Solid Waste Disposal					0	0		0	0
	Waste Water Disposal					0	0		0	
	Waste Disp					0	0		0	1
74400017	Coring					0			0	
74400018						0			0	
74400019	Logging Wireline					. 0			0	
74400020	LWD (Logging While D	Orilling)				0			0	
74400021	Logging - Mud					0			0	
74000004	Formation Evalua	ition I otal				0			0	
	Well Pipe Casing	der 2" OD				0			0	
71000020	Well Pipe - Tubing Un Well Pipe - Tubing 2" (OD and over	or		.,	0			0	
	Well Equipment / Mate				6,117	6,117			0	
	Surface Lifting Eq. / M		ADD Veloo Glay		0, , , , ,	9,			0	
000100	Tangible Equip	ment Total				6,117	6,117		0	(
74400024	Cement & Cementing					0			0	
74400025	Fishing Costs					0			0	
74400013	Equipment Lost in Hol	е				0			0	
74500021	Site Work / Roads / Lo	ocations				0			0	
94100700	Capitalized G&A					0			0	
			Total Field Estimate			8,872			0	-
			Cumulative (Previous			 	8,872		 	-
1			Total Estimated Co	st (Incl. G&A	<u> </u>	L	0,072	· I	L	<u> </u>
1			<u> </u>			•	\$\$			\$\$
Days on Lo	ocation: 1	I	Original Appropriat	ions		 	**		· · · · ·	
Proposed			Total Appropriated							- (
1 TOPOSEG		1	. July reproprieted							
Rig:	none					Prepared	Ву:	Mike Coit		
Field:	Buzzard Bench	Lease:	State of Utah	Well No.:	36-	-138	Date THR		07/18	8/2002

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CONFIDENTIAL

State of Utah 36-138 Daily Completion / WO Report Version 3.0 Auth. Days: 4,201' 07/18/2002 4110' KB Correction COMP Job Code Job Description Initial Completion Weight: 8.4 ppg Fluid Type: 2% kcl Set @ MD Cmt. Top @ Prod. Casing Size: 5 1/2 P-110 4163 2900' 17# Top @MD: MD iner OD Wt: Grade: Set@ Depth Details Tubing OD Wt. Threads Grade Perforations Details Packer @ Packer Make & Mode 3952'-3957' - 3944'-3950' 3.5 Ultra-Jet deep penetrating shot Details Fish Too Operations Covering 24 Hours - Ending at Midnight (24:00 hrs) Hrs. From: NU-Frac valve and Fnsh RU-Halib lines test Frac valve and Halib lines to 5k tests positive 07:00 09:30 RU-Schlumberger W/L - PU 3 .5" Ultra-jet Deep penetrating gun - RIH get on depth to perf - gun miss fired - POH 09:30 12:30 "O" leaked dry out gun system - Fix problem - RIH get on depth perforate lower ferron coal intervolt as follows 3952'-3957' - 3944'-3950' w/ 4 spf @ 120 deg phasing 100% firing pattern Frac lower perfs - Pumped pre-pad formation broke @ 2564 psi - switch and pump 400 gal 15% hcl acid - with acid 12:30 14:00 in form - shut dwn for ISIP 1084 psi - continue pump'g pad -Ramp in 6 stages of 20/40 attawa sand first 3-stages 1# - 2# - 3# were clean attawa sand and stage 4# - 5# - 6# attawa sand treated with Halib sand wedge - with 5# stage in formation and when 6# was at perfs pressure spicked to 6700 psi we screened out - attempted to milk in some of the displacement - we got 634 gals in - pressure to high to continue - End of Job. we got 5 stages of sand in with normal pressures but when 6# stage got on perf we screened out immediately - ISIP 3000 psi Avg pressure 3750 psi max 6700 psi as a spike-- -- Avg slurry rate 51.3 bpm max 51.6 bpm Total fluid pumped 25,600 gal Total sand pump 40,500 lbs of the planned 55,070 lbs - left approx 145 sx 20/40 attawa sand wedge sand in casing RD-Halliburton and move off location - RD-Schlumberger and road same to ST of UT 36 - 139... 15:30 14:00 Note: plans are to move Key Rig # 906 on loc.Tuesday afternoon RU-Clean out sand on wednsday - hope to finish second phase of frac Job on Thursday Everyone worked safe today Directions: From Huntington, Utah turn west on Hwy 31, go 7.5 miles, turn left onto paved road, proceed 4/10 of a mile, turn right onto lease road, go around pond, follow main road 1.1 miles to location. (39 deg. 23.47N 111 deg. 0.5.64 W) Used approx 145 gal diesel today 186 TOTAL: OTHERS: 186 SAFETY MEETINGS HELD OSHA MAN HRS: RIG: CUMULATIVE SAFETY HOURS: RIG: 192 TOTAL: 192 Mtg Fluid Lost To Formation Daily: Cumulative: Total: Contractor Hours Charged To: Chevron Remarks: H2S Accidents Chevron %: G&A Daily Tang. Cost: Daily Comp Cost: \$13,045 WBS Element No. (Capital) UWDCBD2007COM Daily Intangible Cost: \$13,045 \$0 WBS Element No. (Exp) UWDCBD2007COM Cum Intangible Cost \$15,800 Cum Tang Cost: \$6,117 Cum Comp Cost: \$21,917 Cum Well Cost: Total Appr Previous Comp Cst\$ Final Drilling Cost API Well No: 43-015-30550 WO Rep N.G Merkley MCBU Rig: Rep Phone: 915.553.4667 Profit Cntr none 26-Aug-02 Field **Buzzard Bench** Lease: State of Utah Well #: 36-138 Date:



				Daily (Cost Es	<u>timate</u>		Version 3.0
				CAPITAL	_	E	XPENS	E
Chevro	ın.		WBS#:	UWDCBD	2007COM	WBS #:	UWDCBD:	2007COM
Cost		Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
Element	Description	Veridor	Dreakuowii					00
	Rig - Daywork			0	0		0	0
	Rig - Footage / Turnkey			0	0		0	0
	Fuel - Diesel / Motor Fuels			0	0		0	0
	Utilities - Other (water) Mobilization / De-Mobilization			0	0		0	0
74500025	Rig Costs Total			0	0		Ö	0
94100900	Company Supervision			0	0		0	0
	Consultants	NGME	300	300	300		0	0
	Supervision Total			300	300		0	0
74400004	Drilling Fluids			0	0		0	0
								0
71900500	Materials, Supply, Repair Parts			0	0		0	0
70.400000	Mud, Materials Total	National Invites with	2 345		2,345		0	0
	Other Transportation Services Directional Survey and Service C	Neilson Haul Frac wtr	2,345	2,345	2,343	 	0	0
74400006	Drill String Rentals and Bits	J313		0	0	 	ő	0
74400007	Dim Jung Kentala and Dita	-				t	Ť	
72300100	Surface Equipment Rentals	ABB Vetco Gray		2,665	3,595		0	0
1		Gardiners Roustabout						
							ļ	
		Big Red Hot Oil Serv	2,665			<u> </u>	ļ	
			-	<u> </u>				
<u> </u>								
7000000	O. h. for Continue En Bontolo			0	0		0	0
72300200	Subsurface Service Eq. Rentals		-					
74400000	Coil Tubing	 		0	0		0	0
74400010	Stimulation / Gravel Pack Materia	Protechnic sc46 & Ir-192	2,485	2,485	2,485		0	0
	Pumping Service			0	0		0	0
	Perforating & Electric Line Service	Schlumberger w/ perfs	4,375	4,375	6,200		0	0
74400015	Slickline Services			0	0		0	0
Co	ontract Rentals & Services Total			11,870	14,625		0	0
	Solid Waste Disposal			0	077		0	0
74200600	Waste Water Disposal	Neilson Haul frac fluid	875	875 875	875 875		0	0
=	Waste Disposal Total			0	0,3	<u>. </u>	0	0
74400017				0	0		0	0
74400018	Logging Wireline			0	d		ō	0
74400020	LWD (Logging While Drilling)		:	0	C		0	0
74400021	Logging - Mud			0	C		0	0
	Formation Evaluation Total			0	0		0	0
71900021	Well Pipe Casing			0			0	
	Well Pipe - Tubing Under 2" OD			0			0	
71900022	Well Pipe - Tubing 2" OD and over	er		0			0	
	Well Equipment / Materials / Wel	ABB Vetco Gray		0	6,117		0	
71500100	Surface Lifting Eq. / Materials			0			0	
74400004	Tangible Equipment Total			0			0	
	Cement & Cementing Fishing Costs			 0			0	
	Equipment Lost in Hole			0			ő	
	Site Work / Roads / Locations			0			0	0
	Capitalized G&A			0			0	
1	<u> </u>	Total Field Estimate (Daily)		13,045			0	
		Cumulative (Previous Day)						
		Total Estimated Cost (Incl. Ga	ßA)	L	21,917	<u>'</u>	<u> </u>	0
					^	1	Τ'' -	
				\$	\$\$	 	1 \$	\$\$
Days on L		Original Appropriations				 		
Proposed	Days: 0	Total Appropriated		<u>L</u>		<u> </u>		
Div	none	T		Prepared I	By:	N.G Merk	lev	
Rig: Field:	none Buzzard Bench Lease:	State of Utah Well No.	. 36	-138	Date THR			3/2002
i ielu.	Duzzaid Donoit Lease.	Otato 0. Otati 147011 140.	. 50					





36-138 Daily Completion / WO Report Version 3.0 State of Utah PBTD: 07/18/2002 Auth. Days: 4110' Job Code: COMP Job Description **KB** Correction 10' Initial Completion 8.4 ppg Fluid Type: 2% kcl Weight Cmt. Top @ 2900 Prod. Casing Size: WT Grade: P-110 Set @ 17# 4163 5 1/2" iner OD Wt: Grade: Set@ MD Top @MD: Tubing OD Wt Grade Threads Depth Details Perforations: Packer Make & Model Packer @ 3952'-3957' - 3944'-3950' 3.5 Ultra-Jet deep penetrating shot Details: Fish Top Operations Covering 24 Hours - Ending at Midnight (24:00 hrs) Hrs. From: To: 07:30 SIWP "0" psi - held safety mtg with crew covered pu tbg - making multa - connection - pinch points 07:00 PU-Tbg with notched collar wash and C/O Frac sand starting from 2715' dwn to 4105' - PBTD @ 4110' - circulate 13:00 07:30 hole clean - displace csg with fresh 2% Kcl fluid Pooh LD - 132 Jts 2 7/8" tbg and ND-BOPS 13:00 15:30 Rig dwn Key Energy Rig # 906 and move off location - Rig is going to Orangeville to do rod and pump job for Ron Wirth 15:30 17:30 probable one day Job *Note: Prepared to frac second zone Thursday morning 0n 36 - 138 then move to 36 - 139 well frac first zone there Everyone worked safe today Directions: From Huntington, Utah turn west on Hwy 31, go 7.5 miles, turn left onto paved road, proceed 4/10 of a mile, turn right onto lease road, go around pond, follow main road 1.1 miles to location. (39 deg. 23.47N 111 deg. 0.5.64 W) Used 36 gal diesel today OSHA MAN HRS: RIG: 48 OTHERS: 24 TOTAL: 72 SAFETY MEETINGS HELD: 336 240 TOTAL: CUMULATIVE SAFETY HOURS: Mtg 4 RIG 96 Cumulative: Fluid Lost To Formation Daily Other: Total 0 Hours Charged To: Contractor Chevron Remarks Accidents Chevron %: WBS Element No. (Capital) UWDCBD2007COM Daily Intangible Cost \$6,090 Daily Tang. Cost \$0 Daily Comp Cost \$6,090 Cum Comp Cost WBS Element No. (Exp) UWDCBD2007COM Cum Intangible Cost: \$28,465 Cum Tang Cost: \$6,117 \$34,582 Total Appr: 233,700 Cum Well Cost Previous Comp Cst\$ Final Drilling Cost API Well No: 43-015-30550 307/799-7201 WO Rep: Rep Phone: N.G Merkley Profit Cntr MCBU Rig: Buzzard Bench Lease: State of Utah Well # 36-138 Date 28-Aug-02 Field:

CAPITAL EXPENSE						Cost Es	<u>timate</u>		Version 3.0
Control Flament Prescription					<u> CAPITAL</u>		E	XPENS	<u> </u>
Cost Description Vender Breskform Daily Cum Dail	Chevro	n		WBS#:	UWDCBD:	2007COM	WBS #:	UWDCBD:	2007COM
174400000 174500000 174500000 174500000 17450000 17450000 17450000 17450000 17450000 17450	Cost		Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400002 Rig Footage / Turnkey 0		Rig - Davwork	Key Energy Rig #906	3,650	3,650	5,455		0	0
1/129030 Ultilise - Other (water)	4400002	Rig - Footage / Turnkey			0	0		0	0
TASO0023 Mobilization / De-Michilization De-Mic			1		0	0		0	0
Note	1290300	Utilities - Other (water)			0	0		0	0
94100900 Company Supervision NGME 450 450 1,200 0 0 0 0 0 0 0 0 0	4500023	Mobilization / De-Mobilization	n		0				0
NGME 450 450 1,200 0 0 0 0 0 0 0 0 0		Rig Costs T	l otal		3,650	5,455		0	0
Total	4100900	Company Supervision							0
Trigonome			NGME	450					0
Trigonomo Chriming Flates		Supervision T	Total		450	1,200			0
No. Mud, Materials Total	4400004	Drilling Fluids			0	0		0	0
No. Mud, Materials Total	1000500	Materials Supply Repair Pa	urte		0	0		0	0
73400300 Other Transportation Services Nielson Haul wtr 965 965 3,875 0 74400000 Directional Survey and Service Costs 0 0 0 0 0 0 0 0 0	1900300								0
74400006 Directional Survey and Service Costs 0 0 0 0 0 0 0 0 0	2400300			965		3.875		o	Ó
T4400007 Drill String Rentals and Bits 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									0
	4400000	Drill String Rentals and Rite							Ö
Gardiners Roustabout 460	7700001	Drill Othing Norticals and Dits		1					
Big Red Hot Oil Serv	2300100	Surface Equipment Rentals	Knight bone	565	1,025	5,875		0	0
Big Red Hot Oil Serv	2000100	Canado Equipment Nontais			.,	-,			
						100			
Table Tabl			Big Red Hot Oil Serv						
Table Tabl									
Table Tabl									
7440009 Coil Tubing									
14400010 Stimulation / Gravel Pack Materia Protechnic sc46 & Ir-192 0 2,485 0 0 0 0 0 0 0 0 0	2300200	Subsurface Service Eq. Ren	itals		0	0		0	0
14400010 Stimulation / Gravel Pack Materia Protechnic sc46 & Ir-192 0 2,485 0 0 0 0 0 0 0 0 0									
National State Nati									0
14400014 Perforating & Electric Line Service Schlumberger w/ perfs O 6,200 O O O O O O O O O			ateria Protechnic sc46 & Ir	r-192					0
TAHO015 Slickline Services	4400011	Pumping Service							0
Contract Rentals & Services Total 1,990 18,435 0			ervic Schlumberger w/ perf	S		6,200			0
74200300 Solid Waste Disposal Nielson Haul frac fluid 0 875 0 0					,	40.405			0
New York		Total						0	
Waste Disposal Total 0 875 0									0
T440017 Coring	<u>'4200600</u>]					0
74400018 Testing			lotal						0
T4400019 Logging Wireline 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			:						0
Total Field Estimated Cost (Incl. G&A) Community (Incl. G&A) Cumulative (Previous Day) Total Estimated Cost (Incl. G&A) Cumulative (Previous Day) Cumulative (Previous Day) Cumulative (Previous Day) Community (Incl. G&A) Communit									
Total Estimated Cost (Incl. G&A) Total Estimate (Incl. G&A) Total Estimated Cost	4400019	Logging Wireline							
Formation Evaluation Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			D						
Total Estimated Cost (Incl. G&A) Total Field Estimated Cost (Incl. G&A) Total F	4400021								
T1900020 Well Pipe - Tubing Under 2" OD 0 0 0 0 0 0 0 0 0			lotai						
T1900022 Well Pipe - Tubing 2" OD and over 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1900021	Well Pipe Casing	OD						
Tisological Control of Control									0
Total Field Estimated Cost (Incl. G&A) Surface Lifting Eq. / Materials 0 0 0 0 0 0 0 0 0									C
Tangible Equipment Total 0 6,117 0									C
Total Estimated Cost (Incl. G&A) 34,582	1300100								0
Total Estimated Cost (Incl. G&A) Total Estimate	74400024		10001	ii				0	
Total Field Estimated Cost (Incl. G&A) Satisfactors Total Estimated Cost (Incl. G&A) Satisfactors Total Estimated Cost (Incl. G&A) Satisfactors									
Total Field Estimate (Daily) Total Estimated Cost (Incl. G&A) Cumulative (Previous Day) Total Estimated Cost (Incl. G&A) Cumulative (Inc				:					(
94100700 Capitalized G&A			ns					0	
Total Field Estimate (Daily) 6,090 0 Cumulative (Previous Day) Total Estimated Cost (Incl. G&A) 34,582				-		0		0	C
Cumulative (Previous Day) Total Estimated Cost (Incl. G&A) 34,582		,	Total Field Estimate	(Daily)	6,090			0	
Total Estimated Cost (Incl. G&A) 34,582					T				
						34,582			
					•				22
			Original Assessing	one		44	 	1 3	
Days on Location: 4 Original Appropriations				UIIS	 		t		233,700
Proposed Days: 0 Total Appropriated 2	roposed L	∪ays: U	Total Appropriated		<u> </u>		<u> </u>		200,100
Rig: none Prepared By: N.G Merkley					Prenared I	Rv·	N.G Merkl	ev	
Rig: none Prepared By: N.G Merkley Field: Buzzard Bench Lease: State of Utah Well No.: 36-138 Date THRU: 08/28/20			o: State of Litah	Well No : 36					/2002

State of Utah 36-138 Daily Completion / WO Report version 3.0 Auth. Days: **IPBTD** 07/18/2002 4,201' 4110' Initial Completion **KB** Correction Job Code: COMP Job Description: luid Type: 2% kcl Weight: 8.4 ppg Cmt. Top @ Prod. Casing Size Grade P-110 2900' 5 1/2 4163 Liner OD: MD: Wt Grade Set@ Top @MD: Details Tubing OD Wt Grade Threads Depth Packer @ Packer Make & Model Perforations: Details 3952'-3957' - 3944'-3950 3.5 Ultra-Jet deep penetrating shot 3884'-3891' - 3872-3873' 3.5 Ultra-Jet deep penetrating shot Fish Top Details Operations Covering 24 Hours - Ending at Midnight (24:00 hrs) Hrs. From: To: 07:00 09:30 SIWP"0" psi - RU-Halib & Schlumberger - Rih w/ 4.641" WLTC retreiveable packer - got on depth set packer at 3908' ok - Toh with setting tool - hook-up Halib test plug & lines to 5k test positive...PU 3.5"ultra-Jet gun & perforate Middle ferron coal bed from 3884'-3891' - 3872'-3873' 4 spf @ 120 deg. Phasing - all shots fired 09:30 10:00 Held safety mtg with all hands Frac second stage - pump pre/pad - formation broke at 1675 psi - switch and pump 400 gal 15% hcl acid - with acid in 10:00 11:30 formation shut dwn for ISIP = 1036 psi - continue pumping pad with RA tag SB-124 in it - Ramp in 6-stages 20/40 attawa sand in gelled X-Linked fluid 1# - 2# - 3# sand was clean attawa sand - followed with 4# - 5# - 6# attawa sand treated with Halib sand wedge - all tag'd with RA SD-46 - when 4# sand was at perf's - pressure spiked at 4966 psi we screened out - we came off pressure and rate we saw slight break - started dwn hole with flush continued pumping at 2500 psi and 20 bpm and was able to get all 4# sand into formation - left 80 sx sand on surface we did not pump 5# nor 6# sand ISIP = 1428 psi - 5 min 1291 psi - 10 min 1202 psi - 15 min 1141 psi EOJ @ 1130 am. Average pressure 3130 psi Max 4966 psi - Total fluid [umped 26,612 gals + 400 gal 15% Hcl acid. Average slurry rate 52.2 bpm Max 57.6 bpm - Total propent pumped dwn hole 34,200 lbs RD-Halib to move to ST of UT 36 - 139 11:30 13:00 *Final report until activity resumes Everyone worked safe today Directions: From Huntington, Utah turn west on Hwy 31, go 7.5 miles, turn left onto paved road, proceed 4/10 of a mile, turn right onto lease road, go around pond, follow main road 1.1 miles to location. (39 deg. 23.47N 111 deg. 0.5.64 W) Used approx 185 gal diesel today 186 TOTAL: SAFETY MEETINGS HELD: OSHA MAN HRS: RIG: OTHERS 186 **CUMULATIVE SAFETY HOURS:** Mtg RIG: 426 TOTAL 522 96 Fluid Lost To Formation Daily Cumulative Total: 0 Hours Charged To: Contractor Chevron Other Remarks Chevron %: G&A: H2S Accidents: WBS Element No. (Capital) UWDCBD2007COM \$131,830 \$131,830 Daily Tang. Cost: Daily Comp Cost: Daily Intangible Cost: \$0 Cum Tang Cost Cum Comp Cost: \$166,412 WBS Element No. (Exp) UWDCBD2007COM Cum Intangible Cost \$160,295 \$6,117 233,700 Cum Well Cost: Total Appr: Previous Comp Cst\$ Final Drilling Cost 43-015-30550 API Well No: 307/799-7201 WO Rep N.G Merkley Rig Rep Phone: MCBU Profit Cntr none Date 29-Aug-02 Field: **Buzzard Bench** Lease State of Utah Well# 36-138

					Cost Es	timate	XPENSI	Version 3.0
				CAPITAL				
Chevro	n		WBS#:	UWDCBD	2007COM	WBS #:	UWDCBD	2007COM
Cost	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
Element	Rig - Daywork	Key Energy Rig #906		0	5,455		0	0
	Rig - Footage / Turnkey	Rey Energy rug #000		0	0,100		0	0
	Fuel - Diesel / Motor Fuels			0	0		0	0
71290300	Utilities - Other (water)			0	0		0	0
74500023	Mobilization / De-Mobilization			0	Ó		0	0
	Rig Costs Total			0	5,455		0	0
94100900	Company Supervision			0	0		0	0
	Consultants	NGME	450	450	1,650		0	0
	Supervision Total			450	1,650		0	0
74400004	Drilling Fluids			0	0		0	0
							 	-
74000500	Matariala Caralla Dancia Danta			0	- 0		0	0
71900500	Materials, Supply, Repair Parts Mud. Materials Total			0	0		Ö	0
70400000		Nielson Haul wtr	650	650	4,525		0	0
7440000	Directional Survey and Service C			000	7,020		0	0
	Drill String Rentals and Bits		-	0	0		0	0
1.1.55557								
72300100	Surface Equipment Rentals	Knight bope		3,635	9,510		0	0
		Gardiners Roustabout					<u> </u>	
		Big Red Hot Oil Serv	2,150					
		Dais for and tools	1 105				-	
ļ		Rain for rent tanks	1,485					
70200200	Subsurface Service Eq. Rentals			0	0		0	0
72300200	Subsurface Service Eq. Remais					†	<u> </u>	
74400009	Coil Tubing	-		0	0		0	0
74400010	Stimulation / Gravel Pack Materia	Protechnic sc46 & Ir-192	2,185	2,185	4,670		0	0
		Halib pmp frac	119,015		119,015		0	
74400014	Perforating & Electric Line Service	Schlumberger w/ perfs	5,250				0	0
74400015	Slickline Services			0	0		0	0
Co	ntract Rentals & Services Total			130,735			0	0
	Solid Waste Disposal			0			0	
74200600	Waste Water Disposal	Nielson Haul frac fluid	645	645			0	
	Waste Disposal Total			645	1,520		0	
74400017				0			0	
74400018	Testing			0			1 0	
	Logging Wireline LWD (Logging While Drilling)			0			l ő	Ö
	Logging - Mud	-		ō			0	0
74400021	Formation Evaluation Total			0	C		0	0
71900021	Well Pipe Casing	·		0			0	
71900020	Well Pipe - Tubing Under 2" OD			0			0	
71900022	Well Pipe - Tubing 2" OD and over	er		0			0	
71900100	Well Equipment / Materials / Wel	ABB Vetco Gray		0			0	
71500100	Surface Lifting Eq. / Materials			0			0	
	Tangible Equipment Total	i .		0			0	
	Cement & Cementing			0			0	
	Fishing Costs			0			1 0	
74500004	Equipment Lost in Hole Site Work / Roads / Locations			1 8			0	
	Capitalized G&A			0		d	0	
34 100700	Capitalized OdA	Total Field Estimate (Daily)		131,830			0	
		Cumulative (Previous Day)		1,				
1		Total Estimated Cost (Incl.	G&A)		166,412	2		
				\$	\$\$		\$	\$\$
Days on L	ocation: 5	Original Appropriations		ļ				000 70
Proposed	Days: 0	Total Appropriated		<u> </u>		<u> </u>		233,700
				ID-4 :: .	D	N.C. Mand	lov	
Rig:	none	Charles Hay 11 hay 11 hay 11 hay 11 hay	36	Prepared 138		N.G Merk		9/2002
Field:	Buzzard Bench Lease:	State of Utah Well N	io.: 36	-138	Date THR	v.	UUIZ	,, LVVL

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TILS ROPE. 66-36 43-015-36550.



Daily Completion / WO Report Version 3.0 36-138 State of Utah PBTD: 07/18/2002 Auth. Days: 4,201 4110' Start Date: 6 KB Correction Job Code COMP Job Description Initial Completion 8.4 ppg Fluid Type: 2% kcl Weight: Set @ MD Cmt. Top @ 2900' Prod. Casing Size: 5 1/2" 17# Grade P-110 4163 MD Top @MD: Liner OD: Grade: Set@ Tubing OD Wt. Grade Threads Depth Details 2 7/8 6.5 j-55 EUE Details Perforations: Packer @ Packer Make & Model 3952'-3957' - 3944'-3950' 3.5 Ultra-Jet deep penetrating shot 3.5 Ultra-Jet deep penetrating shot 3,908 Retreiveable 3884'-3891' - 3872-3873' Fish Top: Details: Operations Covering 24 Hours - Ending at Midnight (24:00 hrs) Hrs. From: 14:30 MIRU Key Rig #906 - Held safety mtg w/ crew went over operations "+ TIF" - NU-BOP'S 12:00 MU-Packer retrieving tool on 2 7/8" work string TIH - tag sand fill @ 3865' - isolation packer @ 3908' 14:30 17:00 pull back & lay dwn 2 singles SWIFN - Rise crews @ 1730 hrs 17:00 17:30 Note: on the UP&L Fed 1-101 location Vacumed up 130 bbls rain wtr from low places to help drying process - also working maintainer on Fed "M" 6 - 25 road and location hope to have it ready to move on mid next week Everyone worked safe this afternoon Directions: From Huntington, Utah turn west on Hwy 31, go 7.5 miles, turn left onto paved road, proceed 4/10 of a mile, turn right onto lease road, go around pond, follow main road 1.1 miles to location. (39 deg. 23.47N 111 deg. 0.5.64 W) Used 12 gal today 36 OTHERS: 24 TOTAL: OSHA MAN HRS: 60 SAFETY MEETINGS HELD: 450 TOTAL: 582 CUMULATIVE SAFETY HOURS: RIG: 132 Mtg Cumulative: Fluid Lost To Formation Daily Other Total 0 Hours Charged To: Contractor Chevron Remarks: G&A: H2S Accidents Chevron %: WBS Element No. (Capital) UWDCBD2007COM \$5,420 Daily Intangible Cost \$5,420 Daily Tang. Cost: \$0 Daily Comp Cost: Cum Comp Cost: \$171,832 WBS Element No. (Exp) UWDCBD2007COM Cum Intangible Cost: \$165,715 Cum Tang Cost: \$6,117 Total Appr: 233,700 Cum Well Cost Previous Comp Cst\$ Final Drilling Cost API Well No: 43-015-30550 N.G Merkley Rep Phone: 307/799-7201 WO Rep: MCBU Rig: Profit Cntr State of Utah Well # 36-138 Date: 19-Sep-02 Lease: Field: **Buzzard Bench**



					Cost Es	<u>timate</u>		Version 3.0
				CAPITAL		E	XPENS	E
Chevro	n		WBS#:	UWDCBD	2007COM	WBS #:	UWDCBD	2007COM
Cost	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	Key Energy Rig #906	2,095	2,095	7,550		0	0
	Rig - Footage / Turnkey			0	0		0	0
	Fuel - Diesel / Motor Fuels			0	0		0	0
	Utilities - Other (water)			0	0		0	0
74500023	Mobilization / De-Mobilization			0	0		0	0
	Rig Costs Total			2,095	7,550		0	0
	Company Supervision			0	0 100		0	0
70000300	Consultants	NGME	450	450	2,100		0	0
	Supervision Total			450	2,100		0	0
74400004	Drilling Fluids			Ų			Ů	
71900500	Materials, Supply, Repair Parts			0	0		0	0
	Mud, Materials Total			0	0		0	0
73400300		Nielson Haul wtr & Pump	950	950	5,475		0	0
	Directional Survey and Service C	osts		0	0		0	0
74400007	Drill String Rentals and Bits			0	0		0	0
			1.050	4 005	44 405		-	0
72300100	Surface Equipment Rentals	Knight bope + Frac valvex20		1,925	11,435		<u> </u>	
		Gardiners Roustabout	675					
		Outlaw packer					-	
72300200	Subsurface Service Eq. Rentals			0	0		0	0
				0	0		-	0
	Coil Tubing	lo .		0			0	0
	Stimulation / Gravel Pack Materia Pumping Service			0			0	
	Perforating & Electric Line Service	98		0			ŏ	0
	Slickline Services			ō			0	7
	ontract Rentals & Services Total			2,875	152,045		0	C
	Solid Waste Disposal		-	0			0	C
	Waste Water Disposal			0	1,520		0	C
	Waste Disposal Total			0	1,520		0	0
74400017	Coring			0			0	
74400018				0			0	<u> </u>
74400019	Logging Wireline			0			0	
74400020	LWD (Logging While Drilling)			0			0	
74400021	Logging - Mud			0			0	
	Formation Evaluation Total			0			0	
71900021	Well Pipe Casing	!		0			0	
	Well Pipe - Tubing Under 2" OD	1		0			0	
71900022	Well Pipe - Tubing 2" OD and ov	er LADD Votos Cres		0			- 0	ļ
	Well Equipment / Materials / Wel	ADB Veico Gray		0			1 0	
/1500100	Surface Lifting Eq. / Materials Tangible Equipment Total			0		L	0	
74400004	Cement & Cementing			- 6			0	
	Fishing Costs			0	+		0	
	Equipment Lost in Hole			Ö			Ö	
	Site Work / Roads / Locations			0			0	(
	Capitalized G&A			0			0	(
F		Total Field Estimate (Daily)	5,420			0	ļ
		Cumulative (Previous Day)					<u> </u>	
		Total Estimated Cost (Incl.	G&A)		171,832	2[<u> </u>	<u> </u>
		Orleinal Annuan-lations		\$	\$\$	<u> </u>	\$	\$\$
Days on L Proposed		Original Appropriations Total Appropriated			****	<u>t</u>		233,70
				Duam	D	N.G. Mod	lov	
Rig:	none	l Control by the bound	11- 22	Prepared		N.G Merk		V2002
Field:	Buzzard Bench Lease:	State of Utah Well	No.: 36	-138	Date THR	U:	Mark IV	74444

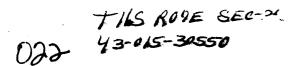


Field:

CONFIDENTIAL

State of Utah Daily Completion / WO Report Version 3.0 36-138 PBTD: Auth. Days: 4110' 07/18/2002 4,201 Job Code COMP KB Correction Job Description Initial Completion Weight: Fluid Type: 2% kcl 8.4 ppg Set @ MD: Cmt. Top @ 2900' Prod. Casing Size: 5 1/2 17# Grade: P-110 4163 Liner OD: Grade: Set@ Top @MD Wt Wt Threads Depth Details Tubing OD Grade J-55 EUE 6.5 2 7/8 Packer @ Packer Make & Model Perforations: 3952'-3957' - 3944'-3950' 3.5 Ultra-Jet deep penetrating shot 3884'-3891' - 3872-3873' 3.5 Ultra-Jet deep penetrating shot 3,908 Retreiveable Fish Top: Details: Operations Covering 24 Hours - Ending at Midnight (24:00 hrs) Hrs. From: To: SIWP "0" - Held safety mtg with crew covered tripping tbg - pinch points - swabbing 07:00 07:30 C/O sand frm 3865' to 3909 circulate clean - ingage isolation plug and release same 09:30 07:30 Pooh lay dwn packer and retreiving tool - PU pin notched collar I Joint 2 7/8" tbg - pump seat nipple - TIH 09:30 11:30 tag sand @ 4020' C/O sand frm 4020' to 4110' circulate hole clean - pull EOT to 4090' 11:30 13:00 PU-Swab - RIH w/ swab fluid @ 300' FS made 12 swab runs swab back 125 bbls fluid - fluid level @ 1100' FS 13:00 16:00 fluid was 10% gas cut after recovering 50 bbls 16:00 16:30 SWI - Release crews @ 1630 hrs for weekend All hands worked safe today Directions: From Huntington, Utah turn west on Hwy 31, go 7.5 miles, turn left onto paved road, proceed 4/10 of a mile, turn right onto lease road, go around pond, follow main road 1.1 miles to location. (39 deg. 23.47N 111 deg. 0.5.64 W) Used 24 gal diesel today 56 OTHERS: 32 TOTAL: 88 OSHA MAN HRS: RIG: SAFETY MEETINGS HELD: 482 TOTAL: 670 RIG: 188 CUMULATIVE SAFETY HOURS: Mta Fluid Lost To Formation Daily Cumulative Total: Other Hours Charged To: Contractor: Chevron: Remarks: Accidents Chevron %: G&A: \$21,365 WBS Element No. (Capital) UWDCBD2007COM Daily Intangible Cost Daily Tang. Cost: \$0 Daily Comp Cost: \$21,365 \$193,197 Cum Tang Cost: \$18,402 Cum Comp Cost: WBS Element No. (Exp) UWDCBD2007COM Cum Intangible Cost: \$174,795 Total Appr: 233,700 Cum Well Cost Previous Comp Cst\$ Final Drilling Cost API Well No: 43-015-30550 307/799-7201 WO Rep: N.G Merkley Rep Phone: Profit Cntr MCBU Rig: none Well #: 36-138 Date: 20-Sep-02 State of Utah Lease: **Buzzard Bench**

		,			Cost Es	timate		Version 3.0
				CAPITAL			XPENS	
Chevro	n		WBS#:	UWDCBD	2007COM	WBS #:	UWDCBD	2007COM
Cost	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
74400001	Rig - Daywork	Key Energy Rig #906	3,810	3,810	11,360		0	0
	Rig - Footage / Turnkey	, , , , , , , , , , , , , , , , , , , ,		0	0		0	0
	Fuel - Diesel / Motor Fuels			0	0		0	0
	Utilities - Other (water)			0	0		0	0
74500023	Mobilization / De-Mobilization			0	0		0	0
	Rig Costs Total			3,810	11,360		0	0
	Company Supervision	NOME	450	0 450	2,550		0	0
70000300	Consultants Supervision Total	NGME	450	450 450	2,550		- o	0
74400004	Drilling Fluids			0	0		0	0
74400004	Drilling Fluids							
							0	0
/1900500	Materials, Supply, Repair Parts Mud, Materials Total			0	0		0	0
73400200	Other Transportation Services	Nielson Haul wtr & Pump	545	545	6,020		0	0
	Other Transportation Services Directional Survey and Service C		343	0	0,020		0	0
	Drill String Rentals and Bits			0	0		ŏ	0
72300100	Surface Equipment Rentals	Knight bope + Frac valvex20 days	655	4,275	15,710		0	0
		Gardiners Roustabout						
		1	0.000					
		Outlaw packer	3,620					
							 	
72300200	Subsurface Service Eq. Rentals			0	0		0	0
7200200	Odbsariade Gervice Eq. (Contain							
74400009	Coil Tubing			0	0		0	0
74400010	Stimulation / Gravel Pack Materia	als		0	4,670		0	
	Pumping Service			0	119,015		0	
	Perforating & Electric Line Service	es		0	11,450		0	
	Slickline Services			0	156,865		0	
	ntract Rentals & Services Total		-	4,820	130,603		0	0
	Solid Waste Disposal Waste Water Disposal		-	0	1,520		 0	0
74200600	Waste Disposal Total			ŏ	1,520		Ö	
74400017				0	0		0	Ö
74400018				0	0		0	0
	Logging Wireline			0	0		0	
74400020	LWD (Logging While Drilling)			0	0		0	
74400021	Logging - Mud			0	0		0	
	Formation Evaluation Total			0	0		0	
71900021	Well Pipe Casing			0	0		0	0
71900020	Well Pipe - Tubing Under 2" OD	20001 2 7/9" th mx\$315	12,285	12,285	12,285		0	
71900022	Well Pipe - Tubing 2" OD and ov Well Equipment / Materials / We	E 3900 2 7/6 (DGX\$315	12,203	12,203			0	
71500100	Surface Lifting Eq. / Materials	ADD Veico Gray		0	<u> </u>		0	
7 1000 100	Tangible Equipment Total			12,285	18,402		0	
74400024	Cement & Cementing			0	C		0	
	Fishing Costs			0			0	
74400013	Equipment Lost in Hole			0			0	
	Site Work / Roads / Locations			0	2,500	}	0	
94100700	Capitalized G&A			0		ļ	0	
1		Total Field Estimate (Daily)		21,365		 	 	
		Cumulative (Previous Day) Total Estimated Cost (Incl. G&	A)	 	193,197	1		0
		Total Estimated Gost (Incl. Gu.	· · · · · · · · · · · · · · · · · · ·	I			<u> </u>	
				\$	\$\$	ļ	\$	<u>\$\$</u>
Days on L		Original Appropriations						222 700
Proposed	Days: 0	Total Appropriated		L		J		233,700
		T		Prepared I	30.	N.G Merkl	ev	
Rig:	none	State of Utah Well No.:	36	<u>₁Prepared i</u> -138	Date THR			0/2002
Field:	Buzzard Bench Lease:	State of Otali Well NO.:	50.	,00	Date IIII	<u> </u>	30,20	



CC IDENTIAL

State of Utah 36-138 Daily Completion / WO Report Version 3.0 07/18/2002 Auth. Days: TD: 4,201' 4110' 8 KB Correction: Job Code: COMP Job Description Initial Completion Weight 8.4 ppg Fluid Type: 2% kcl Prod. Casing Size: 5 1/2" Grade: P-110 Set @ MD 4163 Cmt. Top @ 2900' 17# MD: Top @MD: Set@ Liner OD: Wt: Grade Details Threads Depth Tubing OD Wt. Grade 2 7/8 J-55 6.5 EUE Details Packer @ Packer Make & Model Perforations: 3952'-3957' - 3944'-3950' 3.5 Ultra-Jet deep penetrating shot 3884'-3891' - 3872-3873' 3.5 Ultra-Jet deep penetrating shot 3,908' Retreiveable Fish Top: Details: Operations Covering 24 Hours - Ending at Midnight (24:00 hrs) Hrs. From: To: Non rig day - Completion-operation left to do is land tbg & run pump and rods - RDMO the Utah Fed KK 1-141 RU C/O sand 0: 24:00 Note: Fed "M" 6 - 25 road & location Working manitainer dry up mud holes spread some gravel in preporation to MIRU Key Rig #906 by Tuesday afternoon Note: STATE of UTAH 36 - 100 working backhoe on drying out wet spots saterday and Sunday prepare location move in Halliburton Frac equipment to frac this well Monday morning - lower set perfs has been perfd water and sand are on location Directions: From Huntington, Utah turn west on Hwy 31, go 7.5 miles, turn left onto paved road, proceed 4/10 of a mile, turn right onto lease road, go around pond, follow main road 1.1 miles to location. (39 deg. 23.47N 111 deg. 0.5.64 W) OTHERS: TOTAL: SAFETY MEETINGS HELD OSHA MAN HRS: RIG: 482 TOTAL: 670 RIG: 188 CUMULATIVE SAFETY HOURS: Mtg Fluid Lost To Formation Cumulative: Daily: Total: 0 Hours Charged To: Contractor Chevron Other Remarks H2S: Chevron % G&A Accidents: WBS Element No. (Capital) UWDCBD2007COM Daily Comp Cost: \$450 Daily Intangible Cost: \$450 Daily Tang. Cost: \$0 Cum Intangible Cost: \$175,245 Cum Tang Cost: \$18,402 Cum Comp Cost: \$193,647 WBS Element No. (Exp) UWDCBD2007COM Cum Well Cost: Total Appr: 233,700 Final Drilling Cost Previous Comp Cst\$ 43-015-30550 API Well No: 307/799-7201 WO Rep: N.G Merkley Rep Phone: Profit Cntr MCBU Rig: none 21-Sep-02 **Buzzard Bench** State of Utah Well #: 36-138 Date Field: Lease

					_		Cost Es	timate		Version 3.
						CAPITAL	_		XPENS	<u> </u>
Chevro	n				WBS#:	UWDCBD	2007COM	WBS #:	UWDCBD2	2007COM
Cost Element	Descript	ion	Vendor		Breakdown	Daily	Cum	Breakdown	Daily	Cum
	Rig - Daywork		Key Energy Rig #906	3		0	11,360		0	(
	Rig - Footage / Turnkey					0	0		0	
	Fuel - Diesel / Motor Fue	els				0	0		0	(
	Utilities - Other (water)				:	0	0		0	
74500023	Mobilization / De-Mobiliz					0	0		0	
		ts Total				0	11,360		0	(
94100900	Company Supervision	i	NOME		450	0 450	3,000		0	(
70000300	Consultants Supervisi		NGME		430	450 450	3,000		0	····
74400004	Drilling Fluids	OII TOTAL				0	0,000		0	
74400004	Drining Fidios				<u> </u>					
71900500	Materials, Supply, Repai	r Parts			<u> </u>	0	0		0	(
7 1000000	Mud, Materia				i	0	0		0	(
73400300	Other Transportation Se		Nielson Haul wtr			0	6,020		0	(
74400006	Directional Survey and S	Service Co				0	0		0	(
	Drill String Rentals and E					0	0		0	
72300100	Surface Equipment Rent	tals	Knight bope			0	15,710		0	
			Gardiners Roustabou	<u>ut</u>	<u> </u>					
			Outlaw packer							
				··						
72300200	Subsurface Service Eq.	Rentals				0	0		0	(
74400009	Coil Tubing					0	0		0	
74400010	Stimulation / Gravel Pac	k Materia	ls			0			0	(
74400011	Pumping Service					0			0	(
	Perforating & Electric Lir	ne Service	es			0	11,450		0	(
	Slickline Services				<u> </u>	0	450.005		0	(
	ntract Rentals & Service	es i otai				0	156,865		0	(
	Solid Waste Disposal					0	1,520		0	
74200600	Waste Water Disposal Waste Dispos	eal Total			-	0	1,520		0	
74400017		sai i Otai				0	0		0	(
74400018					-	Ö	ŏ		ől	(
	Logging Wireline					0	Ō		0	
74400020	LWD (Logging While Dri	lling)				0	0		0	
	Logging - Mud	-				0	0		0	l
	Formation Evaluati	on Total				0	0		0	(
	Well Pipe Casing					0	•		0	
	Well Pipe - Tubing Under					0			0	
	Well Pipe - Tubing 2" Of			5		0	12,285		0	
	Well Equipment / Materi		ABB Vetco Gray			0	6,117		0	(
/1500100	Surface Lifting Eq. / Mat				+	0 0	18,402		0	
7440000	Tangible Equipme Cement & Cementing	ent rotal				0	18,402		0	
	Fishing Costs					0	0		0	
	Equipment Lost in Hole					0			0	
74500021	Site Work / Roads / Loc	ations			· · · · · · · · · · · · · · · · · · ·	0			o	
	Capitalized G&A					0	0		0	
			Total Field Estimate			450		 	0	
			Cumulative (Previo Total Estimated Co		A)		193,647	 		
		l						1		
Davis and	ection: 0		Original Appropriate	tione		\$	\$\$		\$\$	•
Days on Lo Proposed I			Original Appropriated Total Appropriated							233,70
, , , , , ,										
Rig:	none					Prepared I		N.G Merkle		
Field:	Buzzard Bench L	ease:	State of Utah	Well No.:	36-	138	Date THR	U:	09/21	/2002

023

THE ROJE SEC. 43-015-30550



State of Utah 36-138 Daily Completion / WO Report version 3.0 PBTD: Auth. Days: 07/18/2002 4,201' 4110' Start Date: 9 KB Correction: 11' Job Code: COMP Job Description: Initial Completion Weight: 8.4 ppg Fluid Type: 2% kcl Set @ MD: Cmt. Top @ P-110 2900' Prod. Casing Size: 5 1/2" Grade 4163 17# Liner OD: Wt Grade Set@ MD: Top @MD: Tubing OD Wt. Threads Depth Details Grade 2 7/8 6.5 J-55 EUE Packer @ Packer Make & Model Perforations 3952'-3957' - 3944'-3950' 3.5 Ultra-Jet deep penetrating shot 3,908 3884'-3891' - 3872-3873' 3.5 Ultra-Jet deep penetrating shot Retreiveable Fish Top: Details: Operations Covering 24 Hours - Ending at Midnight (24:00 hrs) Hrs. From: To: 0: 24:00 Non Rig day - we should finish running pump and rods RDMO Rig by noon Monday Directions: From Huntington, Utah turn west on Hwy 31, go 7.5 miles, turn left onto paved road, proceed 4/10 of a mile, turn right onto lease road, go around pond, follow main road 1.1 miles to location. (39 deg. 23.47N 111 deg. 0.5.64 W) SAFETY MEETINGS HELD: OSHA MAN HRS: RIG: OTHERS: TOTAL: RIG: 482 TOTAL: 670 188 CUMULATIVE SAFETY HOURS: Mtg Daily: Fluid Lost To Formation Cumulative: Total: Chevron: Hours Charged To: Contractor: Other Remarks Chevron % H2S: Accidents: WBS Element No. (Capital) UWDCBD2007COM Daily Tang. Cost: Daily Comp Cost: \$450 Daily Intangible Cost: \$0 \$450 WBS Element No. (Exp) Cum Intangible Cost \$175,695 Cum Tang Cost: \$18,402 Cum Comp Cost: \$194,097 UWDCBD2007COM Final Drilling Cost Cum Well Cost: Total Appr: 233,700 Previous Comp Cst\$ 43-015-30550 API Well No Rep Phone: 307/799-7201 WO Rep: N.G Merkley MCBU Rig: Profit Cntr none Buzzard Bench Lease: State of Utah Well #: 36-138 Date: 22-Sep-02 Field:

					Cost Es	timate		Version 3.0
				CAPITA			XPENS	
<u>Chevro</u>	n		WBS#	UWDCBE	2007COM	WBS #:	UWDCBD	2007COM
Cost Element	Description	Vendor	Breakdov	n Daily	Cum	Breakdown	Daily	Cum
	Rig - Daywork	Key Energy Rig #906		0	11,360		0	C
	Rig - Footage / Turnkey			0			0	
	Fuel - Diesel / Motor Fuels			0			0	
	Utilities - Other (water)			0			0	
74500023	Mobilization / De-Mobilization			0			0	C
	Rig Costs Total			0			0	0
	Company Supervision	NGME	- · · · · · · · · · · · · · · · · · · ·	0 450			0	
70000300	Consultants Supervision Total	NGME	4;	450 450			O	0
74400004				1 0			0	0
74400004	Drilling Fluids			<u>-</u>	 	···		
71900500	Materials, Supply, Repair Parts			0	0		0	0
1 1000000	Mud, Materials Total			0	0		0	0
73400300	Other Transportation Services	Nielson Haul wtr		0	6,020		0	0
74400006	Directional Survey and Service C			0			0	0
74400007	Drill String Rentals and Bits			0	0		0	0
				1		Ļ		
72300100	Surface Equipment Rentals	Knight bope		0	15,710		0	0
		Gardiners Roustabout				ļ		
			_					
					 			
72200200	Subsurface Service Eq. Rentals			0	0		0	
72300200	Subsurface Service Eq. (Vertials			 	· · · · · ·			
74400009	Coil Tubing			1 0	0		O	0
74400010	Stimulation / Gravel Pack Materia	ıls	1	0			0	- 0
	Pumping Service		1	0	119,015		0	C
74400014	Perforating & Electric Line Service	es		0	11,450		0	C
74400015	Slickline Services			0			0	0
	ntract Rentals & Services Total			0			0	0
	Solid Waste Disposal			0			0	
74200600	Waste Water Disposal			0			0	
	Waste Disposal Total		-	0	7			0
74400017	Coring			0			0	C
74400018			- -	0			0	- 7
74400019	Logging Wireline LWD (Logging While Drilling)			1 0			0	- 0
	Logging - Mud	<u> </u>		d			1 0	
74400021	Formation Evaluation Total			ď	<u> </u>		ō	(
71900021	Well Pipe Casing			0	1 -	L	0	(
71900020	Well Pipe - Tubing Under 2" OD				0		0	C
71900022	Well Pipe - Tubing 2" OD and over	3900' 2 7/8" tbgx\$315		C			0	(
	Well Equipment / Materials / Wel			C	6,117		0	(
	Surface Lifting Eq. / Materials			C			0	(
	Tangible Equipment Total			C			0	
	Cement & Cementing			C			0	<u> </u>
74400025	Fishing Costs						0	C
	Equipment Lost in Hole						0	
	Site Work / Roads / Locations					1	0	
94100700	Capitalized G&A	Tabal Field Factoria. (5))allu)	450		<u> </u>	0	
		Total Field Estimate (C		450	'	 	 	
Ì		Cumulative (Previous Total Estimated Cost (194,097	+	<u> </u>	
		TOTAL ESTIMATED COST (inci. GaAj		104,031	1	L	
					\$\$	1	\$	\$\$
Days on Lo	ocation: 9	Original Appropriation	<u> </u>		**	 	·	
Proposed		Total Appropriated		-		<u>† </u>		233,70
, roposeu		. Jean r appropriation				-		
Rig:	none			Prepared		N.G Merkl		
Field:	Buzzard Bench Lease:	State of Utah V	Vell No.:	36-138	Date THR			/2002



T165 RODE & C-36 43-015-30550:



State of Utah 36-138 Daily Completion / WO Report Version 3.0 4,201' PBTD: 07/18/2002 Auth. Days: 4110' Start Date: 10 KB Correction: COMP Job Code: Job Description Initial Completion Weight: Fluid Type: 2% kcl 8.4 ppg Set @ MD: Prod. Casing Size: 5 1/2" Grade: Cmt. Top @ P-110 2900' 17# 4163 Liner OD: Wt: Grade: Set@ MD: Top @MD: Tubing OD Wt. Threads Depth Details Grade 2 7/8 6.5 J-55 **EUE** 4,004 Packer Make & Model Perforations Details Packer @ 3952'-3957' - 3944'-3950' 3.5 Ultra-Jet deep penetrating shot 3884'-3891' - 3872-3873' 3.5 Ultra-Jet deep penetrating shot Fish Top: Details: Hrs. From: Operations Covering 24 Hours - Ending at Midnight (24:00 hrs) 07:00 07:30 SIWP "0" - Held safety mtg with crew covered PU-Pump and rods & "TIF" Program 07:30 11:00 RU-PLS slickline ran tracer log & RD-PLS TIH w/ 2 7/8" tbg tag PBTD @ 4110' ok - LD 4-Jts and land EOT @ 4004.88' - ND-BOPE - NU WH 11:00 12:30 12:30 15:30 PU 2 1/2" x 20' RWAC ser# TO122 pump on 20-1 1/2" sinker bars & 20 4' stabilizers 69 3/4" rods w/ 4 guides per/rod and 66 7/8" rods w/ 4 guides per/rod + 1-8' pony rod + 26' polish rod - spaced out & Hung well on. 17:00 RD-MO location - prepare to move to Up&L Fed 1-101 clean out sand 15:30 Release crews @ 1700 hrs Everyone worked safe today Directions: From Huntington, Utah turn west on Hwy 31, go 7.5 miles, turn left onto paved road, proceed 4/10 of a mile, turn right onto lease road, go around pond, follow main road 1.1 miles to location. (39 deg. 23.47N 111 deg. 0.5.64 W) Used 23 gal diesel today SAFETY MEETINGS HELD: ÖSHA MAN HRS: RIG: 56 OTHERS: 48 TOTAL: 104 RIG: 530 TOTAL: 774 244 CUMULATIVE SAFETY HOURS: Mtg 8 Daily: Fluid Lost To Formation Cumulative: Other: Total Hours Charged To: Contractor: Chevron: 0 Remarks: H2S: Chevron %: Accidents: WBS Element No. (Capital) UWDCBD2007COM Daily Comp Cost: \$20,575 Daily Intangible Cost: \$20,575 Daily Tang. Cost: UWDCBD2007COM Cum Intangible Cost: \$190,425 Cum Tang Cost: \$24,247 Cum Comp Cost: \$214,672 WBS Element No. (Exp) Cum Well Cost: Total Appr: 233,700 Previous Comp Cst\$ Final Drilling Cost API Well No 43-015-30550 WO Rep: Rep Phone: 307/799-7201 N.G Merkley MCBU Rig: Profit Cntr none **Buzzard Bench** Lease: State of Utah Well #: 36-138 Date: 23-Sep-02

Chevron WisSit UWDCBD2007COM UWDCBD2007COM WisSit UWDCBD2007COM					Daily (CAPITAL	Cost Es	timate	XPENS	Version 3.0
Description Description Description Vandor Breakdown Daily Cum Breakdown Daily Cum Production Prod	Ob	_							
Beliment Part Description Descriptio		n							
174600002 Rig Footage / Turnkey 0		Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
17/290100 19/2000 19/2000 19/2000 19/2000 19/2000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/200000 19/2000000000000000000000000000000000000	74400001	Rig - Daywork	Key Energy Rig #906	3,505	3,505	14,865			0
17.1993000 Utilities - Other (water)									0
A				-					0
Rig Costs Total 3,505 14,865 0 0 0 0 0 0 0 0 0									0
34100900 Company Supervision 340 3,900 0 0 0 0 0 0 0 0 0	74500023			+	-				0
NOME	94100900			-				_	0
Supervision Total			NGME	450		3,900		-	0
17/190050 Materials, Supply, Repair Parts 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				450			0	0
Must, Materials Total	74400004	Drilling Fluids		1	0	0		0	0
Must, Materials Total									
Must, Materials Total									
	71900500			<u> </u>					
Additional Surrey and Service Costs 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	72400200			545				_	0
Transport				343					0
									0
Gardiners Roustabout 560									
Misc Services	72300100	Surface Equipment Rentals			3,015	18,725		0	0
			Gardiners Roustabout	560					
			Miss Consider	4 000					
Add00010 Coil Tubing			Misc Services	1,800					
Add00010 Coil Tubing									
Add00010 Coil Tubing									
	72300200	Subsurface Service Eq. Rentals			0	0		0	0
T4400010 Stimulation / Gravel Pack Materials 0 4,670 0 0 174400011 Pumping Service 0 0 119,015 0 0 0 174400011 Pumping Service Protechnics 4,300 4,300 15,750 0 0 0 0 0 0 0 0 0									
174400011 Pumping Service	74400009	Coil Tubing				,			0
T4400014 Perforating & Electric Line Servic Protechnics Protechn			ls						0
Total Tota	74400011	Pumping Service		1 000					0
Contract Rentals & Services Total 9,885 166,750 0 0 0 0 0 0 0 0 0									0
T4200300 Solid Waste Disposal Nielson 890 890 2,410 0 0 0 0 0 0 0 0 0			PLS SIICK-III IE	2,023					0
New Year Disposal Nielson 890 890 2,410 0 0 0 0 0 0 0 0 0									0
Waste Disposal Total 890 2,410 0 0 0 0 0 0 0 0 0			Nielson	890		2,410			0
T4400018 Testing					890	2,410		0	0
T4400019 Logging Wireline	74400017	Coring							0
T4400020 LWD (Logging While Drilling) 0 0 0 0 0 0 0 0 0							4		0
Taylor Taylor Taylor Total T									0
Formation Evaluation Total 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	74400020	Location Mud		+					0
T1900021 Well Pipe Casing	74400021								0
T1900020 Well Pipe - Tubing Under 2" OD	71900021					0		0	0
71900022 Well Pipe - Tubing 2" OD and ove 3900' 2 7/8" tbgx\$315 0 12,285 0 0 (71900100 Well Equipment / Materials / Well ABB Vetco Gray 0 6,117 0 0 (71500100 Surface Lifting Eq. / Materials Pmp-rods etc 5,845 5,845 5,845 0 0 (71500100 Surface Lifting Eq. / Materials Pmp-rods etc 5,845 5,845 5,845 0 0 0 (71500100 Cmpital Equipment Total	71900020	Well Pipe - Tubing Under 2" OD			0			0	0
T1900100 Well Equipment / Materials / Well ABB Vetco Gray 0 6,117 0 0 71500100 Surface Lifting Eq. / Materials Pmp-rods etc 5,845 5,845 5,845 0 0 0 0 0 0 0 0 0	71900022	Well Pipe - Tubing 2" OD and ove	3900' 2 7/8" tbgx\$315			<u> </u>			0
Tangible Equipment Total 5,845 24,247 0 0 0 0 0 0 0 0 0	71900100	Well Equipment / Materials / Well	ABB Vetco Gray						0
Total Field Estimate (Daily) Total Estimated Cost (Incl. G&A) Total Appropriated Tota	71500100	Surface Lifting Eq. / Materials	Pmp-rods etc	5,845					0
Total Field Estimate (Daily) Total Estimated Cost (Incl. G&A) Total Appropriated Tota	7440000								0
Total Field Estimate (Daily) Total Estimated Cost (Incl. G&A) Compared Days: O O O O O O O O O				-					0
Total Field Estimate (Daily) Capitalized G&A County (Previous Day) Total Estimated Cost (Incl. G&A) Capitalized Co									0
94100700 Capitalized G&A 0 0 0 0 0 0 0 0 0				+		_			0
Total Field Estimate (Daily) 20,575 0						0			0
Total Estimated Cost (Incl. G&A) 214,672			Total Field Estimate (Daily)		20,575			0	
Days on Location: 10 Proposed Days: 0 Rig: none S\$\$ \$\$\$ Original Appropriations Total Appropriated 233,700 Prepared By: N.G Merkley			Cumulative (Previous Day)						
Days on Location: 10 Proposed Days: 0 Rig: none Original Appropriations Total Appropriated Prepared By: N.G Merkley			Total Estimated Cost (Incl. G&	A)	L	214,672		<u> </u>	0
Days on Location: 10 Proposed Days: 0 Rig: none Original Appropriations Total Appropriated Prepared By: N.G Merkley						**			•
Proposed Days: 0 Total Appropriated 233,700 Rig: none Prepared By: N.G Merkley	Davis 1		Original Appropriations		*	3 3	 	<u> </u>	7-7
Rig: none Prepared By: N.G Merkley					-				233.700
	i ioposed l	Days. V	I van Appropriated		1				_00,,00
	Ria:	none	<u> </u>		Prepared I	Зу:	N.G Merkle	ә у	
	Field:		State of Utah Well No.:	36-					/2002



THS ROTE GEC-36 43-015-305-501

State of Utah 36-138 Daily Completion / WO Report version 3.0 Auth. Days: PBTD: 4,201' 4110' 07/18/2002 10 Start Date: KB Correction: Job Code: COMP Job Description Initial Completion Weight: 8.4 ppg Fluid Type: 2% kcl Prod. Casing Size: 5 1/2" Grade: P-110 Set @ MD Cmt. Top @ 2900' 17# 4163 Wt: Set@ MD: Liner OD: Grade: Top @MD: Wt. Threads Depth Details Tubing OD Grade EUE 4,004 2 7/8 6.5 J-55 Packer @ Packer Make & Model Perforations Details 3952'-3957' - 3944'-3950' 3.5 Ultra-Jet deep penetrating shot 3884'-3891' - 3872-3873' 3.5 Ultra-Jet deep penetrating shot Fish Top: Details: Operations Covering 24 Hours - Ending at Midnight (24:00 hrs) Hrs. From: To: SIWP "0" - Held safety mtg with crew covered PU-Pump and rods & "TIF" Program 07:00 07:30 RU-PLS slickline ran tracer log & RD-PLS 07:30 11:00 TIH w/ 2 7/8" tbg tag PBTD @ 4110' ok - LD 4-Jts and land EOT @ 4004.88' - ND-BOPE - NU WH 11:00 12:30 PU 2 1/2" x 20' RWAC ser# TO122 pump on 20-1 1/2" sinker bars & 20 4' stabilizers 69 3/4" rods w/ 4 guides per/rod 12:30 15:30 and 66 7/8" rods w/ 4 guides per/rod + 1-8' pony rod + 26' polish rod - spaced out & Hung well on. 15:30 17:00 RD-MO location - prepare to move to Up&L Fed 1-101 clean out sand Release crews @ 1700 hrs **Final report from workover group**Turned over to production 9/23/02** Everyone worked safe today Directions: From Huntington, Utah turn west on Hwy 31, go 7.5 miles, turn left onto paved road, proceed 4/10 of a mile, turn right onto lease road, go around pond, follow main road 1.1 miles to location. (39 deg. 23.47N 111 deg. 0.5.64 W) Used 23 gal diesel today 56 OTHERS: OSHA MAN HRS: 48 TOTAL: 104 RIG: SAFETY MEETINGS HELD: 530 TOTAL: 774 CUMULATIVE SAFETY HOURS: RIG: 244 8 Mtg Fluid Lost To Formation Daily Cumulative: Total 0 Hours Charged To: Contractor Chevron: Accidents: Daily Tang. Cost: \$0 Daily Comp Cost \$20,575 WBS Element No. (Capital) UWDCBD2007COM Daily Intangible Cost \$20,575 WBS Element No. (Exp) Cum Comp Cost: UWDCBD2007COM Cum Intangible Cost: \$190,425 Cum Tang Cost: \$24,247 \$214,672 Final Drilling Cost Cum Well Cost: Total Appr 233,700 Previous Comp Cst\$ API Well No: 43-015-30550 Rep Phone 307/799-7201 WO Rep N.G Merkley Profit Cntr MCBU Rig: none Well #: Date: 23-Sep-02 State of Utah 36-138 Field: **Buzzard Bench** I ease:



					Cost Es	Limate	XPENS	Version 3.0
				APITAL				
Chevro	n		WBS#:	UWDCBD2	2007COM	WBS #:	UWDCBD:	2007COM
Cost	Description	Vendor	Breakdown	Daily	Cum	Breakdown	Daily	Cum
Element	•						0	C
	Rig - Daywork	Key Energy Rig #906	3,505	3,505 0	14,865 0	-	0	
74400002	Rig - Footage / Turnkey			0	0		0	
	Fuel - Diesel / Motor Fuels			0	0		ő	
	Utilities - Other (water)			0	0		0	-
74500023	Mobilization / De-Mobilization			3,505	14.865		ő	
	Rig Costs Tota			3,303	14,003		0	
94100900	Company Supervision	NOME	450	450	3,900		0	
70000300	Consultants	NGME	450	450	3,900		0	
= 1 1 2 2 2 2 1	Supervision Tota	<u> </u>		0	3,300		0	-
74400004	Drilling Fluids							
				0			0	
71900500	Materials, Supply, Repair Parts Mud, Materials Tota	1		0	<u>0</u>		0	- 0
72400200	Other Transportation Services	Nielson Haul pump	545	545	6,565		o	
	Directional Survey and Services		343	0	0,000		0	
	Drill String Rentals and Bits	00313		0	- 0		 0	
1440000/	Dim String Remais and Dits							
70200400	Surface Equipment Rentals	Knight hone	655	3,015	18,725	 	0	(
12300100	Surface Equipment Rentals	Knight bope Gardiners Roustabout	560	3,013	. 5, 1 20	†		<u>`</u>
		Cardiners (Custabout	300					
		Misc Services	1,800					
		MISC Services	1,000					
				-				
								
7000000	Cubaurface Camina Es. Bantala			0	0		0	(
72300200	Subsurface Service Eq. Rentals							
74400000	O-11 Tubing			0	0		0	(
74400009	Coil Tubing Stimulation / Gravel Pack Mater	:-1-		0	4,670		0	
		lais		0	119,015		0	
74400011	Pumping Service	Destachaice	4,300	4,300	15,750		0	
	Perforating & Electric Line Servi	PLS slick-line	2,025	2,025	2,025		0	
	Slickline Services Intract Rentals & Services Total		2,023	9,885	166,750		0	
		<u>'</u>		0	100,730		0	
74200300	Solid Waste Disposal	At-1	890	890	2,410		0	
74200600	Waste Water Disposal	Nielson	090	890	2,410		0	
	Waste Disposal Tota	11			2,410		0	
74400017				0	0		0	
74400018				0	0		0	
	Logging Wireline			0	0		0	
	LWD (Logging While Drilling)			0	0		6	
74400021	Logging - Mud				- 0		0	
	Formation Evaluation Tota			0				
	Well Pipe Casing			0			0	
71900020	Well Pipe - Tubing Under 2" OD	000010 7107 11 0015		0			0	
	Well Pipe - Tubing 2" OD and o			0	12,285		0	
	Well Equipment / Materials / We		E 045	0	6,117		t ö	
71500100	Surface Lifting Eq. / Materials	Pmp-rods etc	5,845	5,845	5,845		0	
	Tangible Equipment Tota	11		5,845	24,247	_	0	
	Cement & Cementing			0		+	0	
	Fishing Costs			0	C		0	
	Equipment Lost in Hole			0	2.500		0	
	Site Work / Roads / Locations			0	2,500		0	
94100700	Capitalized G&A	- L		0 575		'		
		Total Field Estimate (Dail		20,575		 	0	
		Cumulative (Previous Day		ļ	044.0=		+	
		Total Estimated Cost (Inc	I. G&A)	I	214,672	<u> </u>	<u> </u>	
				\$	\$\$	T	\$	\$\$
Days on L	ocation: 10	Original Appropriations		T	· •		· · · · · ·	
		Total Appropriated		 		1		233,70
Proposed	Days. U	. our riphi opriated		<u> </u>		•		
Rig:	none			Prepared 6	3v:	N.G Merkl	¹ev	

T/65091= SEC-36 43-015-30550

Tubing Landing Details

	Tubing Detail	•									Physical Inventory					
Jts.	Description	Ref. #	O.D.	I.D.	Length	Depth	Ref. #	To Loc	ation	Cond.	Rec. Doc.	Installed in Well	Cond.	Balance	Cond.	ELP - 400
	Original KB to Tubing Head Flange				11.00	0.00					ELP-400					02350-C
1	TBG HANGER	1	7 1/16*	2 7/8*	0.55	11.00	1	1-TBG HANGER		Α	HUNTINGTON UT.	TBG HANGER	Α			
127	JOINTS 6.5# J-55 EUE 8rd TBG	2	2 7/8"	2.44"	3960.54	11.55	2	127 JTS 2 7/8" 6.5# TBG		Α	HUNTINGTON UT.	127 JTS TBG	Α			
1	PUMP SEAT NIPPLE	3	2 7/8"	2.28*	1.10	3972.09	3	2.28* ID SEAT NIPPLE		A	HUNTINGTON UT.	2.28" SN	Α	w		
1	JOINTS 6.5# J-55 EUE 8rd TBG	4	2.875*	2.44*	31.24	3973.19	4	1 JT 2 7/8* 6.5# TBG		Α	HUNTINGTON UT.	1 JT TBG	Α			
1	PIN-NOTCHED COLLAR	5	3.65625"	2 7/8"	0.45	4004.43	5	PIN-NOTCHED COLLAR		С	HUNTINGTON UT.	PIN-NOTCHED	С			
						4004.88										
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		<u> </u>					<u></u>]					<u> </u>			
	Rod De.						<u> </u>			CASING	LINER CEMENT DETA	ILS:		I		
1	POLISH ROD	1.1/4"		26.000			<u> </u>	CEMENT CO.:			CMT PMP RATES:			EST. TOC:		
1	PONY ROD	7/8*		8.000			↓	RETURNS ON JOB?			HOLE SIZE:		_	CSG RECIPROCATED:		
66	7/8* RODS W/ 4 ea GUIDES PER/ROD	7/8*		1650.000			╂	SPACER TYPE & VOL.			PLUG BUMPED?			<u> </u>		
69	4/4" RODS W/ 4 ea GUIDES PER/ROD	3/4"		1725.000				CASING SET @ TVD:		_	SPACER TYPE & VOL:					
20	SINKER BARS	1 1/2"		500.000		ļ		CEMENT	SACKS	TYPE	ADDITIVES	YIELD	PMP TIME	COMP STR @1224 HRS	WL	WT PPG
20	STABILIZER	3/4"		75.000			₩	LEAD:		+-			+			
1	2 1/2" X 2 X 20 RWAC SER# TO-122			20.000			↓	TAIL:								
							₽	REMARKS:								
							↓									_
								<u> </u>		1					Deri	1.05.4
Details: String:									UWDBC-D2008-COM		1 11/	00 100	Page:	1 OF 1		
Rep: N.G MERKLEY Field: Buzzard Bend						Buzzard Bench				Lease:	State of Utah		Well #:	36-138	Date:	09/24/2002



0	28			RTMENT	OF NA		RESC	OURCES MINING					(hig	INDED Inlight (ASE DE: IL-47	chang signa	ges)		FC	ORM 8 ER:
WELI	COMF	PLET	ION	OR F	RECC	MPL	ETIC	N RE	POR	T AND	LOG		1 .	INDIAN,	ALLO	TTEE C	R TRIE	BE NAME	
1a. TYPE OF WELL:		OIL WE] {	GAS E	7	DRY		ОфТи	R				NIT or CA				w) CBN	——— И
b. TYPE OF WORK NEW WELL	:: HORIZ.	DEI EN	EP-] [RE- ENTRY		DIFF. RESVR.		ОТНЕ	: () :R		() () () () ()	8. W	ELL NAM	IE and	NUMB	ER:		
2. NAME OF OPERA Texaco Ex								4.50	· · ·	***************************************	entre in the control of the control	operation.		13015		50			
3. ADDRESS OF OP	·					· 					NUMBER:		10 FI	ELD AND	POO	L, OR V		AT	
11111 S. W			ty Ho	uston,		STATE	TX	Z(P) 77()99 CC	DIVERSE	11-561-4	394	1 7	Buzza				NUD DANC	
4. LOCATION OF W AT SURFACE:	1624' FN	NL, 46			`omo a	aa aurt		ė į	ON	PERK EXPIR	ED			VNW			6s	SHIP, RANGI 7E	- ,
AT TOP PRODUC		IL KEPOR	I ED BEI	LOW: G	allie d	35 SUII	ace		~				12. (COUNTY			1	3. STATE	
AT TOTAL DEPT	H: 4201'										reflection of the p	چې چېر محرومه اولي د د د	<u> </u>	mery				**	UTAH
14. DATE SPUDDED 6/13/2002		DATE T.0 9/20/2		HED:		E COMPL 3/2002		A	BANDONE	ED 🗌	READY TO PI	RODUCI	E 🗹					RT, GL): 46' KB	
18. TOTAL DEPTH:	MD 4,20			19. PLUG	BACK T.		4,110 4,110		20. IF N	MULTIPLE CO	OMPLETIONS,	HOW M	IANY? *	21. DEP PL	TH BR		MD TVD)	
22. TYPE ELECTRIC Array Induct Compensate	AND OTHER P/CCL- ion w/Lin	MECHANI クース6 ear Co	CAL LOCAL LO	gs RUN (S tion/GI no Der	Submit cop R - 10 nsity 1	py of each) -02			WAS DST	L CORED? RUN? NAL SURVEY	,	NO NO NO		YES [YES [YES [(Subr	nit analysis) nit report) nit copy)	
24. CASING AND LI	NER RECORD	(Report a	ill string	s set in w	ell)													1	
HOLE SIZE	SIZE/GRAI	DE '	WEIGHT	「(#/ft.)	TOP	(MD)	вотто	OM (MD)		EMENTER PTH	NO. OF SA		SLUI VOLUM		CEN	MENT T	OP **	AMOUNT	PULLED
12 1/4"	8 5/8 K	-55	24			0		10			G	293				CIF			
7 7/8"	5 1/2 P	110	17	7	()	4,	163			RFC	165			29	940/0	CBL		
												-	-		├			 	
			-												 			 	
		_																	
25. TUBING RECOR	RD				·														
SIZE	DEPTH SI		PACK	(ER SET (MD)	SIZE		DEPTH	SET (MD)	PACKE	R SET (MD)		SIZE		DEPTH	SET (MD)	PACKER	SET (MD)
2 7/8"	4,0	05	l						<u> </u>	27 PERSON	RATION RECO	NPD.							,
26. PRODUCING IN		TOP ((MD)	BOTTO	OM (MD)	ТОР	(TVD)	Вотто	M (TVD)		L (Top/Bot - M		SIZE	NO. HO	LES	P	ERFOR	RATION STA	TUS
(A) Ferron Up		3,8		 	891		372	+	91	3,872		391	.45	32	: †	Open	V	Squeezed	
(B) Lower Co			944		957		944	-	57	3,944	3,9	-	.45	44	一	Open	V	Squeezed	
(C)				1							· · · · · · · · · · · · · · · · · · ·				\Box	Open		Squeezed	
(D)			·	†								T				Open		Squeezed	
28. ACID, FRACTUI	RE, TREATME	NT, CEME	NT SQU	EEZE, ET	C.														
DEPTH	INTERVAL								AM	T DNA TNUC	YPE OF MATI	RIAL							
3884-3891';	3872-387	73'									s 0f 20/4								
3952-3957';	3944-39	50'	Pun	nped 2	6,212	als of	Delta	Frac w	ith 34,	200 lbs	of 20/40	sand	1-4 p	pg					
=	TACHMENTS: RICAL/MECHA RY NOTICE FO			O CEMENT	r VERIFIC	CATION		GEOLOG CORE AN	IC REPOR		DST REPORT	R	DIREC	TIONAL	SURVE			roduc	ing

(CONTINUED ON BACK)

(5/2000)

OCT 15 2002

191. INITIAL PRO	ODUCTION			-	INTI	ERVAL A (As sho	wn in item #26)		****			
10/2/2002		TEST DA 10/2/			HOURS TESTED):	TEST PRODU RATES:	CTION	OIL – BBL:	GAS – MCF:	WATER - BBL	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PR	ESS. API G	RAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODU RATES: []	JCTION	OIL – BBL:	GAS – MCF:	WATER - BBL	INTERVAL STATUS:
					INT	ERVAL B (As sho	wn in item #26)				· · · · · · · · · · · · · · · · · · ·	
DATE FIRST PR	RODUCED:	TEST DA	TE:		HOURS TESTED):	TEST PRODU	CTION	OIL - BBL:	GAS - MCF:	WATER - BBL	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PR	ESS. API G	GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODU RATES:	JCTION	OIL – BBL:	GAS - MCF:	WATER - BBL	INTERVAL STATUS:
					INT	ERVAL C (As sho	wn in item #26)	ı	***************************************			
DATE FIRST PR	RODUCED:	TEST DA	TE:		HOURS TESTED):	TEST PRODU RATES: []	CTION	OIL – BBL:	GAS MCF:	WATER - BBL	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PR	ESS. API 0	SRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODU RATES:	JCTION	OIL – BBL:	GAS – MCF:	WATER - BBL	INTERVAL STATUS:
					INT	ERVAL D (As sho	wn in item #26)			= •		
DATE FIRST PR	RODUCED:	TEST DA	TE:		HOURS TESTED);	TEST PRODU	CTION	OIL - 8BL:	GAS - MCF:	WATER 8BL	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PR	ESS. API 0	GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODU RATES: []	JCTION	OIL BBL:	GAS MCF:	WATER - BBL	INTERVAL STATUS:
32. DISPOSITION Sold	ON OF GAS (Sole	d, Used for F	uel, Vented, E	itc.)								
33. SUMMARY	OF POROUS ZO	NES (Includ	e Aquifers):					3	4. FORMATION	(Log) MARKERS:		
	ant zones of poros used, time tool op				als and all drill-stem recoveries.	n tests, including de	epth interval					
Formati	on	Top (MD)	Bottom (MD)		Descrip	tions, Contents, etc	.			Name		Top (Measured Depth)
Ferron	AL REMARKS (In	3,600	4,172		dstone, Sha	ale and Coa	I		Mancos St Blue Gate Top of Fen Top of "A"	Shale ron Sand		0 100 3,842 3,874
					complete and corre	ect as determined	from all avails	ble rec	ord s .			
			•		T. Ipiaca aria com				Tech.			
NAME (PLEAS	Ed <u>Ed</u>	/ ,	1. 1.2)/2002			
SIGNATURE	Ca	nes	WIL	Keis	<u>~</u>		DATE	10/3	72002			
This report n	nust be subm	itted withi	n 30 days o	of								

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement to the control of the

Send to:

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

OCT 15 2002

DIVISION OF DIL. GAS AND MINING

OPERATOR CHANGE WORKSHEET

1. GLH 2. CDW 3. FILE

027

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change

X Merger

The operator of the well(s) listed below has cha FROM: (Old Operator):		TO: (New Or	erator):			1
TEXACO EXPLORATION & PRODUCTION INC		CHEVRON US			·	
Address: 3300 NORTH BUTLER, STE 100		Address: P O B		***		
Address. 3300 NORTH BOTLER, 5TE 100		riddress: 1 o 2	011 0 0 0 0 0	· · · · · · · · · · · · · · · · · · ·		
FARMINGTON, NM 87401		HOUSTON,TX	79702			<u> </u>
Phone: 1-(505)-325-4397		Phone: 1-(915)				
Account No. N5700		Account No.				
	A No.	Unit:	HUNTING	GTON CB	M	
WELL(S)						
	•	API NO	ENTITY		I	WELL
NAME	RNG	12 015 20506	NO	TYPE	TYPE	STATUS
ST OF UTAH T 36-100		43-015-30506		STATE	GW	DRL DRL
ST OF UTAH T 36-138		43-015-30550 43-015-30530		STATE STATE	GW GW	DRL
ST OF UTAH T 36-139		43-015-30530		STATE	GW	DRL
ST OF UTAH FO 02-186		43-015-30553		STATE	GW	P
ST OF UTAH FO 02-188		43-015-30333		STATE	GW	DRL
ST OF UTAH GG 03-122 ST OF UTAH HH 03-133		43-015-30500		STATE	GW	P
ST OF UTAH HH 03-133 ST OF UTAH JJ 03-160		43-015-30549		STATE	GW	APD
ST OF UTAH 33 03-100 ST OF UTAH CC 03-161		43-015-30552		STATE	GW	DRL
ST OF UTAH GG 04-115		43-015-30504		STATE	GW	P
ST OF UTAH BB 04-116		43-015-30503		STATE	GW	P
ST OF UTAH BB 04-158		43-015-30554		STATE	GW	APD
ST OF UTAH BB 04-159		43-015-30555		STATE	GW	APD
ST OF UTAH BB 05-107		43-015-30479		STATE	GW	P
ST OF UTAH BB 05-108		43-015-30480		STATE	GW	P
ST OF UTAH BB 05-109	05-17S-08E	43-015-30481	13161	STATE	GW	P
ST OF UTAH BB 05-110	05-17S-08E	43-015-30482	13161	STATE	GW	P
ST OF UTAH AA 07-105	07-17S-08E	43-015-30497	13161	STATE	GW	P
ST OF UTAH AA 07-106		43-015-30396		STATE	GW	P
ST OF UTAH BB 08-113	08-17S-08E	43-015-30496	13161	STATE	GW	DRL

2. (R649-2-10) Sundry or legal documentation was received from the NEW operator on: 04/12/2002

3. The new company has been checked through the **Department of Commerce**, **Division of Corporations Database on:** 10/16/2002

4. Is the new operator registered in the State of Utah: YES Business Number: 564408-0143

5. If **NO**, the operator was contacted contacted on:

N/A

6. (R649-9-2)Waste Management Plan has been received on: <u>IN PLACE</u>
7. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
9. Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
10. Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A
DATA ENTRY:
1. Changes entered in the Oil and Gas Database on: 10/16/2002
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 10/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A
STATE WELL(S) BOND VERIFICATION: 1. State well(s) covered by Bond Number: 6049663
FEDERAL WELL(S) BOND VERIFICATION: 1. Federal well(s) covered by Bond Number: N/A
INDIAN WELL(S) BOND VERIFICATION: 1. Indian well(s) covered by Bond Number: N/A
FEE WELL(S) BOND VERIFICATION: 1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number N/A
2. The FORMER operator has requested a release of liability from their bond on: The Division sent response by letter on: N/A
LEASE INTEREST OWNER NOTIFICATION: 3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A
COMMENTS: Chevron USA Inc merged with Texaco Exploration & Production Inc to form ChevronTexaco Inc
although all the Utah operations will be operated by Chevron USA Inc.

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES	COMPONE FORM 9
29	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47100
SUN	DRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposal	s to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to rizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: HUNTINGTON CBM
1 TYPE OF WELL	WELL GAS WELL OTHER	8. WELL NAME and NUMBER: STATE OF UTAH 36-138
2. NAME OF OPERATOR: ChevronTexaco		9. API NUMBER: 430153 0393 30550
3. ADDRESS OF OPERATOR: 11111 Wilcrest	CITY Houston STATE TX ZIP 77099 PHONE NUMBER: (281) 561-3852	10. FIELD AND POOL, OR WILDCAT: BUZZARD BENCH
	1624 FNL 469 FWL HIP, RANGE, MERIDIAN: SWNW 36 16S 7E	COUNTY: EMERY STATE: UTAH
11. CHECK	APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	
TYPE OF SUBMISSION		
NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will	start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPOI		WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSE	O OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volun	nes, etc.
Additional perforation	ns to Ferron as follows:	
3854-64, 3930-38, 3	984-90, 4025-29.	
HCL. Isolate 3930' -	- 29', pump 55 gal 15% HCL. 3984' – 90' pump 55 gal 15% HCL. Isolat - 38', pump 55 gal 15% HCL. Isolate 3884' – 91', pump 55 gal 15% HC c completed on 6/12/03	e 3944 – 57, pump 55 gal 15% CL. Isolate 3854' – 64', pump 165
		RECEIVED
		JUN 2 6 2003
		DIV. OF OIL, GAS & MINING

Geo/Eng Technician NAME (PLEASE PRINT) Nina M. Kaufmann SIGNATURE

(This space for State use only)

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL GAS AND MINING

		DIVISION OF OIL	, GAS AND MIN	NING			E DESIGNATION AND SERIAL NUMBER: DUS Leases
	SUNDRY	NOTICES AN	D REPORTS	ON WE	LS	6. IF IN	DIAN, ALLOTTEE OR TRIBE NAME:
Do r	not use this form for proposals to drill n drill horizontal la	new wells, significantly deepen	existing wells below curre	ent bottom-hole de	pth, reenter plugged wells, or to	7. UNIT	or CA AGREEMENT NAME:
	PE OF WELL OIL WELL			ann for addit propos	GIO.		NAME and NUMBER:
	AME OF OPERATOR:	112115				9. API N	UMBER:
	O ENERGY INC.	N2615			PHONE NUMBER:	Multi	DIE D AND POOL, OR WILDCAT:
	00 Farmington Bidg K,Sui	y Farmington	STATE NM ZIP	87401	(505) 324-1090		zard Bench
	OCATION OF WELL DOTAGES AT SURFACE:					COUNTY	r: Emery
Q1	TR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN:				STATE:	UTAH
11.	CHECK APPI	ROPRIATE BOXE	S TO INDICATI	E NATURE	OF NOTICE, REPO	RT, OF	ROTHER DATA
	TYPE OF SUBMISSION			•	YPE OF ACTION		
	NOTICE OF INTENT	ACIDIZE		DEEPEN			REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING		FRACTUR	E TREAT		SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR		NEW CON	STRUCTION		TEMPORARILY ABANDON
		CHANGE TO PREVI	OUS PLANS	=	R CHANGE	_	TUBING REPAIR
	OUROCOURNE DEPONE	CHANGE TUBING		_	ABANDON	=	VENT OR FLARE
	SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAM		PLUG BAC		_	WATER DISPOSAL
	Date of work completion:	CHANGE WELL STA		=	ION (START/RESUME)	Ξ	WATER SHUT-OFF
			UCING FORMATIONS	Ξ	TION OF WELL SITE		OTHER:
		CONVERT WELL TY	· · · · · · · · · · · · · · · · · · ·		ETE - DIFFERENT FORMATION		
	DESCRIBE PROPOSED OR CO						
	ective August 1,2004, to all wells on the attache		jed from Chevro	on U.S.A. In	c. to XTO ENERGY	INC.	
101	all wells on the attache	zu iist.					
BL	M #579173						
		040700					
Sta	ate and Fee Bond #104	312/62					
Ke	Dofacka						
		Regulatory Specia	list ChevronTe	xaco for Ch	evron U.S.A. Inc.	NO2.	10
NAM	E (PLEASE PRINT) Tav	nes L. I	Death	mr	u Vicef	re!	sident-land
SIGN	HOTTE Tamb	K Veo	<i>tt</i>	DA'	m 8/16/0	74	
(This s	pace for State use only)		• • • /				

(5/2000)

APPROVED 9/30/2004

Carlene Russell

Division of Oil, Gas and Mining (See Instead Russell, Engineering Technician)

(See Instructions on Reverse Side)

SEP 2 8 2004

RECEIVED

API Well Number	Well Name	Well Type	County Name	Otr/Otr	Section	Twn-Rng
43-015-30242-00-00		Gas Well	EMERY	SESE	10	17S-8E
43-015-30242-00-00		Gas Well	EMERY	NESW	21	19S-7E
43-015-30243-00-00		Gas Well	EMERY	SESW	26	18S-7E
43-015-30245-00-00		Gas Well	EMERY	NENW	23	18S-7E
43-015-30246-00-00		Gas Well	EMERY	SWSE	26	18S-7E
43-015-30247-00-00		Gas Well	EMERY	NWNW	35	18S-7E
43-015-30248-00-00		Gas Well	EMERY	NWNE	35	18S-7E
43-015-30249-00-00		Gas Well	EMERY	NENE	34	18S-7E
43-015-30258-00-00		Gas Well	EMERY	NWNW	10	18S-7E
43-015-30259-00-00		Gas Well	EMERY	SESE	27	21S-6E
43-015-30268-00-00		Gas Well	EMERY	SWNE	36	16S-7E
43-015-30270-00-00	ST OF UT U 2-11	Gas Well	EMERY	NWNW	2	18S-7E
43-015-30272-00-00	SWD 1	Water Disposal Well	EMERY	SWNW	24	18S-7E
43-015-30274-00-00	UTAH FED S 8-46	Gas Well	EMERY	SESW	8	18S-7E
43-015-30275-00-00		Gas Well	EMERY	NWNE	9	18S-7E
43-015-30276-00-00	UTAH FED P 10-42	Gas Well	EMERY	NWNE	10	18S-7E
43-015-30277-00-00	UTAH FED P 10-43	Gas Well	EMERY	NWSE	10	18S-7E
43-015-30280-00-00	UTAH FED Q 4-44	Gas Well	EMERY	SESE	4	18S-7E
	UTAH FED D 34-12	Gas Well	EMERY	SESE	34	17S-7E
	UTAH FED D 35-13	Gas Well	EMERY	SWSW	35	17S-7E
	UTAH FED D 35-14	Gas Well	EMERY	NWNW	35	17S-7E
	UTAH FED D 35-15	Gas Well	EMERY	SWSE	35	17S-7E
43-015-30292-00-00		Gas Well	EMERY	SENE	6	17S-8E
43-015-30294-00-00		Gas Well	EMERY	SESW	6	20S-7E
43-015-30303-00-00		Water Disposal Well	EMERY	SENE	11	18S-7E
43-015-30306-00-00	ST OF UT U 2-48	Gas Well	EMERY	NWNE	2	18S-7E 18S-7E
43-015-30308-00-00	ST OF UT U 2-50	Gas Well	EMERY	NESW NWSE	2 2	18S-7E
43-015-30309-00-00		Gas Well	EMERY		10	18S-7E
	L & M CURTIS 10-58	Gas Well	EMERY EMERY	SWSW SENW	16	18S-7E
43-015-30311-00-00	ST OF UT X 16-66	Gas Well	EMERY	NWNE	16	18S-7E
43-015-30312-00-00		Gas Well	EMERY	SESE	14	18S-7E
43-015-30313-00-00		Gas Well Gas Well	EMERY	NWNW	14	18S-7E
43-015-30314-00-00		Gas Well	EMERY	SENE	23	18S-7E
43-015-30315-00-00		Gas Well	EMERY	NWNW	24	18S-7E
43-015-30316-00-00		Gas Well	EMERY	NENW	15	18S-7E
	D & A JONES 15-68 D&D CURTIS 14-54	Gas Well	EMERY	SENE	14	18S-7E
43-015-30315-00-00	P & K PEACOCK 8-62	Gas Well	EMERY	SWNE	8	18S-7E
43-015-30320-00-00	PEACOCK TRUST 9-60	Gas Well	EMERY	NWSW	9	18S-7E
43-015-30323-00-00		Water Disposal Well	EMERY	NWNW	14	18S-7E
	R G NORRIS 14-40	Gas Well	EMERY	NESW	14	18S-7E
	L & M CURTIS 15-67	Gas Well	EMERY	NENE	15	18S-7E
43-015-30326-00-00	PEACOCK TRUST 8-61	Gas Well	EMERY	NESE	8	18S-7E
43-015-30327-00-00		Gas Well	EMERY	NENE	7	18S-7E
	PEACOCK TRUST 8-63	Gas Well	EMERY	SENW	8	18S-7E
	D & A JONES 9-59	Gas Well	EMERY	SESE	9	18S-7E
	UTAH STATE 1-76	Gas Well	EMERY	NWNW	1	18S-7E
	UTAH STATE 36-78	Gas Well	EMERY	SWSW	36	17S-7E
43-015-30383-00-00	USA 3-74	Gas Well	EMERY	SESE	3	18S-7E
43-015-30384-00-00		Gas Well	EMERY	NENE	3	18S-7E
43-015-30385-00-00		Gas Well	EMERY	SWSE	11	18S-7E
43-015-30386-00-00		Gas Well	EMERY	SWNE	11	18S-7E
43-015-30387-00-00		Gas Well	EMERY	NWNW	11	18S-7E
43-015-30388-00-00		Gas Well	EMERY	NWSW	11	18S-7E
43-015-30389-00-00		Gas Well	EMERY	SENE	34	17S-7E
43-015-30390-00-00	USA 34-82	Gas Well	EMERY	SESW	34	17S-7E
43-015-30393-00-00	ST OF UT EE 06-138	Gas Well	EMERY	NENW	6	17S-9E
43-015-30396-00-00	ST OF UT AA 07-106	Gas Well	EMERY	NWNE	7	17S-8E
43-015-30437-00-00	ST OF UT BB 09-119	Gas Well	EMERY	SESW	9	17S-8E
43-015-30438-00-00	ST OF UT CC 10-124	Gas Well	EMERY	SENE	10	17S-8E
43-015-30439-00-00	ST OF UT DD 31-98	Gas Well	EMERY	NWSW	31	17S-8E
43-015-30440-00-00	FEDERAL T 27-85	Gas Well	EMERY	SENW	27	18S-7E
43-015-30441-00-00		Gas Well	EMERY	NENW	6	17S-8E
43-015-30442-00-00	UP&L 06-104	Gas Well	EMERY	NESE	6 9	17S-8E 17S-8E
43-015-30443-00-00	WM S IVIE ET AL 09-118	Gas Well	EMERY	SWNE	3	110-02

AP I Well Number						
15-915-30044-00-00 STO FUT BB 09-120 Gas Well EMERYY SYNNW 26 18-57E	APLIAN-II November 18/6/II Nome	Well Type	County Name	Qtr/Qtr	Section	Twn-Rna
43-91-5-304-60-00 FEDERAL A 28-88						
43-015-3044-00-00 FEDERAL A 35-89 Gas Well EMERY NIVSW 35 189-7E				SWNW	26	18S-7E
43-015-3044-00-00 FEDERAL C 23-84 43-015-3044-00-00 FEDERAL P 3-92 Gas Well EMERY SESW 3 183-7E 43-015-3044-00-00 FEDERAL P 3-93 Gas Well EMERY SESW 3 183-7E 43-015-3045-00-00 FEDERAL P 3-93 Gas Well EMERY SESW 3 183-7E 43-015-3045-00-00 FEDERAL T 21-94 43-015-3045-00-00 FEDERAL T 22-80 Gas Well EMERY SWISE 22 183-7E 43-015-3045-00-00 FEDERAL T 22-81 Gas Well EMERY SWISE 22 183-7E 43-015-3045-00-00 FEDERAL T 22-81 Gas Well EMERY SWISE 22 183-7E 43-015-3045-00-00 FEDERAL T 22-81 Gas Well EMERY SENE 27 183-7E 43-015-3045-00-00 FEDERAL T 22-80 Gas Well EMERY SENE 27 183-7E 43-015-3045-00-00 FEDERAL T 22-80 Gas Well EMERY SENE 27 183-7E 43-015-3045-00-00 FEDERAL T 22-80 Gas Well EMERY SENE 27 183-7E 43-015-3045-00-00 FEDERAL T 22-80 Gas Well EMERY SENE 27 183-7E 43-015-3045-00-00 FEDERAL T 22-80 Gas Well EMERY SENE 27 183-7E 43-015-3045-00-00 FEDERAL T 23-80 Gas Well EMERY SENE 27 183-7E 43-015-3045-00-00 FEDERAL T 23-80 Gas Well EMERY SENE 27 183-7E 43-015-3045-00-00 FEDERAL T 23-80 Gas Well EMERY SENE 27 183-7E 43-015-3045-00-00 FEDERAL T 23-80 Gas Well EMERY NWSW 10 173-8E 43-015-3045-00-00 FEDERAL T 23-80 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT FF 10-125 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 GARDNER TRUST ET AL 16-121 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-107 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-107 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-107 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-107 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-107 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-107 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-107 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-107 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-107 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80-117 Gas Well EMERY NWSW 11 173-8E 43-015-3045-00-00 ST OF UT B 80		Gas Well	EMERY	NWSW		
43-015-30449-000 FEDERAL P 3-93 Gas Well EMERY SESW 3 183-7£ 43-015-3049-000 FEDERAL 72-94 Gas Well EMERY SESW 3 183-7£ 43-015-3049-000 FEDERAL 72-95 Gas Well EMERY NEWE 21 183-7£ 43-015-3045-000 FEDERAL 72-95 Gas Well EMERY NEWE 22 183-7£ 43-015-3045-000 FEDERAL 72-95 Gas Well EMERY NEWE 22 183-7£ 43-015-3045-000 FEDERAL 72-95 Gas Well EMERY SESW 22 183-7£ 43-015-3045-000 FEDERAL 72-95 Gas Well EMERY SESW 27 183-7£ 43-015-3045-000 FEDERAL 72-95 Gas Well EMERY SESW 27 183-7£ 43-015-3045-000 FEDERAL 72-95 Gas Well EMERY NEWE 21 183-7£ 43-015-3045-000 FEDERAL 72-95 Gas Well EMERY SESW 27 183-7£ 43-015-3045-000 FEDERAL 72-95 Gas Well EMERY NEWE 27 183-7£ 43-015-3045-000 STOP UT FF 10-125 Gas Well EMERY NEWE 27 183-7£ 43-015-3045-000 STOP UT FF 10-125 Gas Well EMERY NEWE 27 183-7£ 43-015-3045-000 STOP UT FF 10-125 Gas Well EMERY NEWE 27 183-7£ 43-015-3045-000 STOP UT FF 10-125 Gas Well EMERY NEWE 27 183-7£ 43-015-3045-000 STOP UT FF 10-125 Gas Well EMERY NEWE 27 183-7£ 43-015-3045-000 STOP UT FF 10-125 Gas Well EMERY NEWE 27 183-7£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 11 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-107 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-106 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-107 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-107 Gas Well EMERY NEWE 16 173-8£ 43-015-3045-000 STOP UT BE 05-107 Gas Well		Gas Well	EMERY			
43-015-3040-00-00 FEDERAL P 3-93 Gas Weil EMERY NENE 21 189-7E 43-015-3040-000 FEDERAL 721-94 Gas Weil EMERY NENE 21 189-7E 43-015-3045-000 FEDERAL 722-83 Gas Weil EMERY NENE 22 189-7E 43-015-3045-000 FEDERAL 722-83 Gas Weil EMERY NENE 22 189-7E 43-015-3045-000 FEDERAL 722-81 Gas Weil EMERY NENE 22 189-7E 43-015-3045-000 FEDERAL 722-91 Gas Weil EMERY NENE 21 189-7E 43-015-3045-000 STOP UT CO 10-123 Gas Weil EMERY NENE 22 189-7E 43-015-3045-000 FEDERAL 727-86 Gas Weil EMERY NENE 27 189-7E 43-015-3045-000 FEDERAL 727-87 Gas Weil EMERY NENE 27 189-7E 43-015-3045-000 FEDERAL 727-87 Gas Weil EMERY NENE 27 189-7E 43-015-3045-000 FEDERAL 727-87 Gas Weil EMERY NENE 27 189-7E 43-015-3045-000 FEDERAL 727-87 Gas Weil EMERY NENE 27 189-7E 43-015-3045-000 FEDERAL 727-80 Gas Weil EMERY NENE 27 189-7E 43-015-3045-000 FEDERAL 727-80 Gas Weil EMERY NENE 27 189-7E 43-015-3045-000 GROWERT RUST ET AL 16-121 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 GROWERT RUST ET AL 16-121 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 GROWERT RUST ET AL 16-121 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 GROWERT RUST ET AL 16-121 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 GROWERT RUST ET AL 16-121 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 STOP UT BB 05-109 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 STOP UT BB 05-109 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 STOP UT BB 05-109 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 STOP UT BB 05-109 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 STOP UT BB 05-109 Gas Weil EMERY NENE 10 179-8E 43-015-3045-000 STOP UT BB 05-109 Gas Weil EMERY NENE 10 179-8E 5179-8E 51	43-015-30448-00-00 FEDERAL P 3-92	Gas Well	EMERY			
1.50 1.50	43-015-30449-00-00 FEDERAL P 3-93					
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43-015-30568-00-00 ST OF UT "AA" 18-153 Gas Well EMERY SESW 18 17S-8E	43-015-30567-00-00 ST OF UT "KK" 32-144					
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API Well Number	Well Name	Well Type	County Name	Qtr/Qtr	Section	Twn-Rng
43-015-30569-00-00	ST OF UT "AA" 07-146 ~	Gas Well	EMERY	NESW	7	17S-8E
43-015-30570-00-00	ST OF UT "AA" 18-154	Gas Well	EMERY	NESE	18	17S-8E
43-015-30571-00-00	ST OF UT "AA" 17-156	Gas Well	EMERY	SWSE	17	17S-8E
43-015-30572-00-00	ST OF UT "AA" 18-149	Gas Well	EMERY	SENW	18	17S-8E
43-015-30573-00-00	ST OF UT "MM" 20-192	Gas Well	EMERY	SENW	20	17S-8E
43-015-30574-00-00	ST OF UT "MM" 20-193	Gas Well	EMERY	NENE	20	17S-8E
43-015-30575-00-00	ST OF UT MM 20-194	Gas Well	EMERY	NWSW	20	17S-8E
43-015-30576-00-00	ST OF UT AA 07-147	Gas Well	EMERY	SESE	7	17S-8E
43-015-30577-00-00	ST OF UT BB 08-148	Gas Well	EMERY	NWSW	8	17S-8E
43-015-30578-00-00	ST OF UT AA 18-150	Gas Well	EMERY	NWNE	18	17S-8E
43-015-30579-00-00	ST OF UT NN 19-157	Gas Well	EMERY	NENE	19	17S-8E
43-015-30580-00-00	ST OF UT AA 17-152	Gas Well	EMERY	NENE	17	17S-8E
43-015-30581-00-00	ST OF UT OO 16-190	Gas Well	EMERY	NESW	16	17S-8E
43-015-30582-00-00	ST OF UT PP 16-191	Gas Well	EMERY	NESE	16	17S-8E
43-015-30583-00-00	ST OF UT AA 17-151	Gas Well	EMERY	NENW	17	17S-8E
43-015-30585-00-00	ST OF UT MM 21-195	Gas Well	EMERY	NENW	21	17S-8E
43-015-30586-00-00	ST OF UT GG 21-163	Gas Well	EMERY	NENE	21	17S-8E
43-015-30587-00-00	ZIONS FED 35-137 ~	Gas Well	EMERY	NESE	35	16S-7E
43-015-30589-00-00	UTAH FED 01-205D	Gas Well	EMERY	SENW	1	17S-7E
43-015-30590-00-00	ZIONS FED 02-134	Gas Well	EMERY	NWNW	2	17S-7E
43-015-30591-00-00		Gas Well	EMERY	SENE	12	17S-7E
43-015-30592-00-00	ST OF UT QQ 31-201~	Gas Well	EMERY	SESW	31	16S-8E
43-015-30593-00-00	ST OF UT AA 17-155	Gas Well	EMERY	SWSW	17	17S-8E
43-015-30601-00-00	UTAH FED 12-199	Gas Well	EMERY	NESE	12	17S-7E
43-015-30602-00-00	UTAH FED 35-196	Gas Well	EMERY	NENW	35	16S-7E
43-015-30603-00-00	UTAH FED 35-136	Gas Well	EMERY	SWNE	35	16S-7E
43-015-30604-00-00	UT FED 12-200D.	Gas Well	EMERY	NESE	12	17S-7E
43-015-30605-00-00	UT FED 12-198D	Gas Well	EMERY	SENE	12	17S-7E
43-015-30606-00-00	ST OF UT QQ 31-204D -	Gas Well	EMERY	SESW	31	16S-8E
43-015-30607-00-00	ST OF UT QQ 31-203D~	Gas Well	EMERY	SESW	31	16S-8E
43-015-30608-00-00	ST OF UT QQ 31-202D-	Gas Well	EMERY	SESW	31	16S-8E
43-015-30609-00-00	ST OF UT HH 23-166	Gas Well	EMERY	NENW	23	17S-8E

.

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

030

X Change of Operator (Well Sold)

1. GLH 2. CDW 3. FILE

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed be	low has change	d, effec	tive:			8/1/2004			
FROM: (Old Operator): N0210-Chevron USA, Inc	· · · · · · · · · · · · · · · · · · ·			TO: (New O N2615-XTO F	Energy Inc	D11 17	a		
11111 S Wilcrest Houston, TX 77099					Farmington Angton, NM 87	_	Suite I		
Phone: 1-(281) 561-4991				Phone: 1-(505					
	CA No.			Unit:	ŀ	IUNTING	TON CBM	UNIT	ĺ
WELL(S)									ĺ
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	L
ST OF UT T 36-100	36	160S		4301530506	13161		GW	P	L
ST OF UT 36-139	36			4301530530	13161		GW	P	L
ST OF UT 36-138	36	160S	070E	4301530550	13161		GW	P	L
ST OF UT FO 02-186	02		080E	4301530533	13161		GW	P	L
ST OF UT FO 02-188	02	170S	080E	4301530553	13161	State	GW	P	L
ST OF UT GG 03-122	03	170S	080E	4301530499	13161		GW	P	L
ST OF UT HH 03-133	03	170S	080E	4301530500	13161	State	GW	P	L
ST OF UT CC 03-161	03	170S	080E	4301530552	13161		GW	P	L
ST OF UT BB 04-116	04	170S	080E	4301530503	13161		GW	P	L
ST OF UT GG 04-115	04	170S	080E	4301530504	13161		GW	P	L
ST OF UT AA 07-105	07	170S	080E	4301530497	13161		GW	P	L
ROWLEY 08-111	08	170S	080E	4301530486	13161	<u> </u>	GW	P	L
SEELEY 08-112	08	170S	080E	4301530495	13161		GW	P	L
ST OF UT BB 08-113	08	170S		4301530496	13161		GW	P	L
SEELEY FARMS 09-117	09			4301530501	13161		GW	Р	L
CONOVER 14-171	14			4301530529	13161		GW	P	L
MALONE 14-131	14	170S	080E	4301530556	13161	Fee	GW	P	L
									H
						<u> </u>		 	H
									T
					1				1

OPERATOR CHANGES DOCUMENTATION

Enter da	ate after	each l	isted i	tem i	s comp	leted
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(R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 9/28/2004
 (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 9/28/2004

3. The new company was checked on the Department of Commerce, Division of Corporations Database on:

7/19/2004

4. Is the new operator registered in the State of Utah:5. If NO, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on:

6b. Inspections of LA PA state/fee well sites complete on:

to follow being worked

YES Business Number:

5655506-0143

7.	Federal and Indian Lease Wells: The BLM and or	the BIA has approved	the merger, n	ame change	,
	or operator change for all wells listed on Federal or Indian lea	ses on: BLN	not yet	BIA	n/a
8.	Federal and Indian Units:				
	The BLM or BIA has approved the successor of unit operat	or for wells listed on:	n/a	_	
9.	Federal and Indian Communization Agreement	ts ("CA"):		· · · · · · · · · · · · · · · · · · ·	
	The BLM or BIA has approved the operator for all wells lis	ted within a CA on:	n/a	_	
10	Underground Injection Control ("UIC") The Inject, for the enhanced/secondary recovery unit/project for t			9/28/2004	ity to
D	ATA ENTRY:				
1.	Changes entered in the Oil and Gas Database on:	9/30/2004			
2.	Changes have been entered on the Monthly Operator Change	ge Spread Sheet on:	9/30/2004	_	
3.	Bond information entered in RBDMS on:	9/30/2004			
4.	Fee/State wells attached to bond in RBDMS on:	9/30/2004			
5.	Injection Projects to new operator in RBDMS on:	9/30/2004			
6.	Receipt of Acceptance of Drilling Procedures for APD/New of	on: 9/28/2	004		
FI	DERAL WELL(S) BOND VERIFICATION:				
1.	Federal well(s) covered by Bond Number:	579173			
IN	DIAN WELL(S) BOND VERIFICATION:				
1.	Indian well(s) covered by Bond Number:	n/a			
	EE & STATE WELL(S) BOND VERIFICATION				
1.	(R649-3-1) The NEW operator of any fee well(s) listed cover	red by Bond Number	104312762		
2.	The FORMER operator has requested a release of liability fro				
	The Division sent response by letter on:	<u>n/a</u>			
L	EASE INTEREST OWNER NOTIFICATION:				
3.	(R649-2-10) The FORMER operator of the fee wells has beer of their responsibility to notify all interest owners of this change.			he Division	
C	DMMENTS:				

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

4301530550)
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5. LEASE DESIGNATION AND SERIAL NUMBER.

DIV. OF OIL, GAS & MINING

FORM 9

L	UTU-73965	
SUNDRY	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME.
	We significantly decompositing wells help current bottom-hole depth, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME:
drill horizontal lat 1. TYPE OF WELL OIL WELL	erais. Use AFFEIGATION CIT.	8. WELL NAME and NUMBER. LM LEMMON #10-01
2. NAME OF OPERATOR:		9. API NUMBER:
XTO ENERGY INC.	PHONE NUMBER:	Various (See affection 10 FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR:	Farmington STATE NM 215 87401 (505) 324-1090	FERRON SANDSTONE
2700 Farmington, Bldg K-1 LOCATION OF WELL FOOTAGES AT SURFACE: 660' F3		COUNTY: EMERY
QTR/QTR, SECTION, TOWNSHIP, RAN		STATE UTAH
	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
	T TYPE OF ACTION	
TYPE OF SUBMISSION	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
(Submit in Duplicate)	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
Approximate date work will start	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
1/1/2004	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
		WATER DISPOSAL
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL TANKE	WATER SHUT-OFF
Date of work completion	CHANGE WELL STATES	OTHER
	COMMINDED THE COMMATICAL PROPERTY FORMATICAL PROPERTY FORMATION	
	CONVERT VICES (V)	
12 DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, vol	umes, etc.
Notice of Intent to surface nothing had been filed. V	d wells from Chevron/Texaco on August 1, 2004. Chevron/Texace commingle these wells and XTO Energy Inc. was unaware unti We are including with this application for surace commingle a list preadsheet showing production figures for these wells. Each we a central delivery point where allocations are made.	of the wells
	esting approval for the commingle of these wells as well as off-le- ional sundries will be submitted to add to our surface commingle	ase measurement.
As wells are drilled, addit	ional suridiles will be subtritted to add to our curvage services	
		COM SENT TO CRERATOR Code: Initials:
HOMY	C. PERKIN\$ TITLE REGULATOR	Y COMPLIANCE TECH
	1. Perkis 5/15/2007	
SIGNATURE 1		
This space for State use only)	APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING Action Is Neces	Of This RECEIVED Sary MAY 1 8 2007
	~ · · · · · · · · · · · · · · · · · · ·	

Utah Wells Surfac	e Commingled a	t Huntington C	DP
		04-4	1
Well Name	API#	Status	Lease State
American West Group 15-128	43-015-30484	Shut In	State
Conover 14-171	43-015-30529	Producing	State
Gardner Trust 16-121	43-015-30478	Producing	Federal
Lemmon LM 10-01	43-015-30242	Producing	
Malone 14-131	43-015-30556	Producing	State
Rowley 08-111	43-015-30486	Producing	State
Seeley 08-112	43-015-30495	Producing	State
Seeley Farms 09-117	43-015-30501	Producing	State
State of Utah 16-8-31-12D	43-015-30608	Producing	State
State of Utah 16-8-31-32DX	43-015-30634	Producing	State
State of Utah 16-8-31-44D	43-015-30606	Producing	State
State of Utah 16-8-32-43	43-015-30566	Producing	State
State of Utah 17-8-15-14	43-015-30622	Producing	State
State of Utah 17-8-15-33	43-015-30561	Producing	State
State of Utah 17-8-17-32	43-015-30672	Producing	State
State of Utah 17-8-18-12	43-015-30626	Producing	State
State of Utah 17-8-18-24	43-015-30678	Producing	State
State of Utah 17-8-18-31	43-015-30671	Producing	State
State of Utah 17-8-18-43	43-015-30670	Producing	State
State of Utah 17-8-20-22	43-015-30623	Producing	State
State of Utah 17-8-21-33	43-015-30679	Producing	State
State of Utah 17-8-21-41	43-015-30631	Producing	State
State of Utah 17-8-22-14	43-015-30676	Producing	State
State of Utah 17-8-22-21	43-015-30624	Producing	State
State of Utah 17-8-28-12X	43-015-30699	Producing	State
State of Utah 17-8-3-11X	43-015-30635	Producing	State
State of Utah 17-8-4-21	43-015-30620	Producing	State
State of Utah 17-8-5-42R	43-015-30686	Producing	State
State of Utah 17-8-7-34	43-015-30621	Producing	State
State of Utah 17-8-8-14	43-015-30673	Producing	State
State of Utah 36-138	43-015-30550	Producing	State
State of Utah 36-139	43-015-30530	Producing	State
State of Utah AA 07-105	43-015-30497	Producing	State
State of Utah AA 07-106	43-015-30396	Producing	State
State of Utah AA 07-146	43-015-30569	Producing	State
State of Utah BB 04-116	43-015-30503	Producing	State
State of Utah BB 05-107	43-015-30479	Producing	State
State of Utah BB 05-107	43-015-30480	Producing	State
State of Utah BB 05-109	43-015-30481	P&A	State
	43-015-30482	Producing	State
State of Utah BB 05-110	43-015-30496	Shut In	State
State of Utah BB 08-113	43-015-30437	Producing	State
State of Utah BB 09-119	43-015-30444	Producing	State
State of Utah BB 09-120	43-015-30552	Producing	State
State of Utah CC 03-161	43-015-30454	Producing	State
State of Utah CC 10-123	43-015-30438	Producing	State
State of Utah CC 10-124	43-015-30458	Producing	State
State of Utah FF 10-125	43-015-30459	Producing	State
State of Utah FF 11-129		Shut In	State
State of Utah FF 11-130	43-015-30462	Structiff	,0.0.0

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	ace Commingled a		
State of Utah FO 02-186	43-015-30533	Producing	State
State of Utah FO 02-188	43-015-30553	Producing	State
State of Utah GG 03-122	43-015-30499	Producing	State
State of Utah GG 04-115	43-015-30504	Producing	State
State of Utah HH 03-133	43-015-30500	Producing	State
State of Utah II 36-95	43-015-30509	Producing	State
State of Utah II 36-96	43-01530508	Shut In	State
State of Utah KK 32-144	43-015-30567	Producing	State
State of Utah QQ 31-201	43-015-30592	Producing	State
State of Utah SS 22-165	43-015-30520	Producing	State
State of Utah T 36-10	43-015-30268	Producing	State
State of Utah T 36-100	43-015-30506	Producing	State
UP&L 06-102	43-015-30441	Producing	State
UP&L 06-103	43-015-30483	Producing	State
UP&L 06-104	43-015-30442	Producing	State
UP&L Federal 01-101	43-015-30511	Producing	Federal
Utah Federal 01-205D	43-015-30589	Producing	Federal
Utah Federal 16-7-35-21	43-015-30602	Producing	Federal
Utah Federal 16-7-35-32	43-015-30603	Producing	Federal
Utah Federal 17-7-12-22D	43-015-30605	Producing	Federal
Utah Federal 17-7-12-24D	43-015-30604	Producing	Federal
Utah Federal 17-7-12-42	43-015-30591	Producing	Federal
Utah Federal 17-7-12-43	43-015-30601	Producing	Federal
Utah Federal 17-7-3-41D	43-015-30697	Producing	Federal
Utah Federal KK 01-140	43-015-30507	Producing	Federal
Utah Federal KK 01-141	43-015-30559	Producing	Federal
Utah Federal M 06-25	43-015-30292	Producing	Federal
WH Leonard 15-127	43-015-30485	Producing	State
Wm S Ivie 09-118	43-015-30443	Producing	State
Zion's Federal 35-135R	43-015-30521	Producing	Federal
Zion's Federal 17-7-2-11	43-015-30590	Producing	Federal
Zion's Federal 35-137	43-015-30587	Producing	Federal

Utah Wells Surface Commingled at Orangeville CDP				
Well Name	API#	Status	Lease	Notes
			F-1	
Curtis D&D 14-54	43-015-30319	Shut In	Federal	
Curtis L&M 10-58	43-015-30310	Shut In	Federal	
Curtis L&M 15-67	43-015-30325	Producing	Federal	
Federal A 18-7-26-12	43-015-30445	Producing	Federal	
Federal A 26-02	43-015-30244	Shut In	Federal	
Federal A 26-04	43-015-30246	Shut In	Federal	
Federal A 34-07	43-015-30249	Producing	Federal	
Federal A 35-05	43-015-30248	Producing	Federal	
Federal A 35-06	43-015-30247	Producing	Federal	
Federal A 35-89	43-015-30446	Producing	Federal	
Federal B 21-03	43-015-30243	Shut In	Federal	
Federal C 18-7-23-23R	43-015-30629	Producing	Federal	
Federal C 23-08	43-015-30245	Producing	Federal	
Federal P 03-92	43-015-30448	Producing	Federal	
Federal P 03-93	43-015-30449	Producing	Federal	
Federal T 18-07-22-34	43-015-30452	Producing	Federal	
Federal T 22-69	43-015-30451	Producing	Federal	
Federal T 27-87	43-015-30456	P&A	Federal	
Ferron St 4-36-18-7	43-015-30253	Producing	Federal	Operator: Merrion Oil & Gas
Jensen AL 27-09	43-015-30259	Shut In	State	
Jones D&A 09-59	43-015-30329	Producing	Federal	
Jones D&A 15-68	43-015-30318	Shut In	State	i
Klinkhammer 1	43-015-30610	Shut In	Federal	Operator: Merrion Oil & Gas
Norris RG 14-40	43-015-30324	Producing	Federal	
Peacock 07-64	43-015-30327	Producing	Federal	:
Peacock P&K 08-62	43-015-30320	Producing	Federal	1
Peacock Trust 08-61	43-015-30326	Producing	Federal	
Peacock Trust 08-63	43-015-30328	Producing	Federal	<u> </u>
Peacock Trust 09-60	43-015-30321	Producing	Federal	
State of Utah 01-97	43-015-30498	Producing	State	
State of Utah 17-7-36-33R	43-015-30687	Producing	State	<u> </u>
State of Utah 17-8-19-11D	43-015-30695	P&A	State	
State of Utah 18-7-2-33R	43-015-30674	Producing	State	· · · · · · · · · · · · · · · · · · ·
State of Utah DD 31-98	43-015-30439	Producing	State	
State of Utah II 36-95	43-015-30439	Producing	State	
	43-015-30508	P&A	State	
State of Utah II 36 96	43-015-30270	Producing	State	
State of Utah U 02-11		Producing	State	
State of Utah U 02-48	43-015-30306	P&A	State	
State of Utah U 02-49	43-015-30309		State	
State of Utah U 02-50	43-015-30308	Producing Shut In	State	
State of Utah X 16-65	43-015-30312		State	
State of Utah X 16-66	43-015-30311	Producing	State	
UP&L 14-53	43-015-30313	Producing		
UP&L 14-55	43-015-30314	Producing	Federal	
UP&L 23-51	43-015-30315	Producing	Federal	
UP&L 24-57	43-015-30316	Producing	State	
USA 03-74	43-015-30383	Producing	Federal	

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Utah Wells Surface Commingled at Orangeville CDP							
USA 03-75	43-015-30384	Producing	Federal				
USA 11-72	43-015-30387	Producing	Federal				
USA 18-7-11-23	43-015-30640	Producing	State				
USA 34-80	43-015-30389	Shut In	Federal				
USA 34-82	43-015-30390	Producing	Federal				
Utah Federal 17-7-35-42	43-015-30641	Drilling	Federal				
Utah Federal 18-7-27-44R	43-015-30628	Producing	Federal				
Utah Federal 18-7-9-11	43-015-30639	Producing	Federal				
Utah Federal D 34-12	43-015-30282	Producing	Federal				
Utah Federal D 35-13	43-015-30285	Producing	Federal				
Utah Federal D 35-14	43-015-30286	Producing	Federal				
Utah Federal D 35-15	43-015-30287	Producing	Federal				
Utah Federal H 06-21	43-015-30294	TA	Federal				
Utah Federal P 10-42	43-015-30276	Producing	Federal				
Utah Federal P 10-43	43-015-30277	Producing	Federal				
Utah Federal P 10-47	43-015-30258	Producing	Federal				
Utah Federal Q 04-44	43-015-30280	Producing	Federal				
Utah Federal R 09-45	43-015-30275	Producing	Federal				
Utah Federal S 08-46	43-015-30274	Producing	Federal				
Utah State 01-76	43-015-30381	Producing	State				
Utah State 36-78	43-015-30382	Producing	State				

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	Apr-05							ESTIMAT	בה הפתר	TICTION			S PRODUCTION			F	ACTUAL ALL	OCATE	D SALES		
on Wells		!!	MONTHLY	Coastal	PROD	FIELD	irt	Lse Use	Vented CO2	Venled	VENTED	LOA	FIELD	ALLOCATED	Lsa Use Gas	Ven)2 TFGa	E VI	ENTED	ADJ F	FIELD PRODUCTION
	WELL	Days	WATER	Statement	35	EST.PROD	Gas	Gas	CUZ	Gas	GAS	9)	SALES		(h)	1000		2 -	GAS	1	j-g
	No.	On	PRODUCTION			0	6	e		Contract of the Contract of th		b+c+a	9-1	1246	5+c 81	4 (1.5	98	_	98	179	142
	10-01	30	435	1478	0 00488716	1479	45			200000	98	2200					1708		1708	2200	1762
	T36-10	30	2667	18292	0 06048442	18298	45			3 - 6 0	1708	2739		-		-	2280		2280	2739	1704
	M06-25	30	723		0 05610978	16975	45	-		2 学科源0	-	0			-) West	13.20 起线面	200	0	0	52
	H06-21	0	0		0	5064	45	-	-	日本語の表記		958					789 5	30	789	9581	7
	07-106	30	679)	0.01673803	726	-	+	-	8 (4.54.54.67)		171				_	108		108	106	9
	09-119	30	129	-	0.0024005			-		8	38	106	-		-	-	2219 法师证		2219	2755	197
	10-124	30	823	4	0.06650244	-	-			8 附述常		2755	-				2156 日本		2156	2516	134
	06-102 06-104	30	809	1	0.04272795	-		315		6 共中共五		2516		1		_	100 组建		100	164	8
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OCT 1 2 2004

FORM 9

DIV. OF OIL, GAS & MINORO

STATE OF UTAH	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: Various Leases
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hale depth, reenter plugged we drift horizontal biterate. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
The state of the s	8. WELL NAME and NUMBER: See attached list
	9. API NUMBER:
2. NAME OF OPERATOR: XTO ENERGY INC. N3415	Multiple
1 ADDRESS OF OPERATOR:	10. FIELD AND POOL, OR WILDCAT:
2700 Farmington Blug K.Sur _{cit} / arrinington	
4. LOCATION OF WELL FOOTAGES AT SURFACE:	COUNTY: Emery
QTR/QTR, SECTION. TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE,	REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	V
ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
(Submit in Duptionle) ALTER CASING	TEMPORARILY ABANDON
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TUBING REPAIR
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	VENT OR FLARE
CHANGE TUBING PLUG AND ABANDON	WATER DISPOSAL
SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL NAME PLUG BACK PRODUCTION (START/RESUME) PRODUCTION (START/RESUME)	
CHANGE WELL STATUS	OTHER:
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FO	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, dep	the volumes elC
Effective August 1,2004, the operator changed from Chevron U.S.A. Inc. to XTO EN for all wells on the attached list. BLM #579173	ERGY INC.
State and Fee Bond #104312762	RECEIVED
	MAY 1 8 2007
	DIV. OF OIL, GAS & MIN!
1 DIO 1 1	· m iàillAir
Kenneth W. Jackson Regulatory Specialist ChevronTexaco for Chevron U.S.A	. Inc. NO210
NAME (PLEASE PRINT) AMOS COLOR	e President-land
(This space for State use only) APPROVED 9 30 3004	RECEIVED
(5/2000) Division of Oil, Gas and Mining (See Instructions on Reverse Side)	SEP 2 8 2004
Earlene Russell, Engineering Technicism	DIV OF OUR CASE A FURNISH

STATE OF UTAH

DEP DIVI	PARTMENT OF NATURAL RESOURCE ISION OF OIL, GAS AND MINI	ing Ing		EASE DESIGNATION AND SERIAL NUMBER:
		ONWELLS		INDIAN, ALLOTTEE OR TRIBE NAME:
SUNDRY NO	OTICES AND REPORTS	ON MELLS		NIT of CA AGREEMENT NAME:
Do not use this form for proposals to drill new we	olis, significantly deepen existing wells below current. Use APPLICATION FOR PERMIT TO DRILL for	nt bottom-hole depth, reent m for such proposals.	er plugged wells, or to	MIT OF NORLEMENT IN ME.
1. TYPE OF WELL OIL WELL	GAS WELL OTHER	ONFIDEN	TIAI FE	VELL NAME and NUMBER: EDERAL A 18-7-26 #12
2. NAME OF OPERATOR:				PI NUMBER: 301530445
XTO ENERGY INC.	**************************************	PHON	E NUMBER: 10.	FIELD AND POOL, OR WILDCAT:
3. ADDRESS OF OPERATOR: 2700 Farmington Ave. Bidg K _{CITY} Fa	rmington STATE NM ZIP 8	7401 (50	5) 324-1090 B	UZZARD BENCH ABO
4. LOCATION OF WELL			co	UNTY: EMERY
FOOTAGES AT SURFACE: 1815' FNL	_ & 89/ FWL		-	
QTRIQTR, SECTION, TOWNSHIP, RANGE, N			ŜTA	UTAH
11. CHECK APPROI	PRIATE BOXES TO INDICATE	NATURE OF N	NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE (OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	Į	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	-	TEMPORARILY ABANDON
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCT		TUBING REPAIR
	CHANGE TO PREVIOUS PLANS	PLUG AND ABAND		VENT OR FLARE
	CHANGE TUBING	PLUG BACK	~~· [WATER DISPOSAL
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PRODUCTION (ST	ART/RESUME)	WATER SHUT-OFF
Date of work completion:	CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF		OTHER: SURFACE
<u> </u>	CONVERT WELL TYPE	ليا	FFERENT FORMATION	COMMINGLE
XTO Energy Inc. proposes to Federal A 18-7-26 #12; Sec Federal T 18-7-22 #34; Sec	DETED OPERATIONS. Clearly show all property of surface commingle the following 26-T18S-R07E; 1815' FNL & 622-T18S-R07E; 539' FSL & 1 ir own wellhead allocation meters.	ing two wells into 897' FWL; 43-01 831' FEL; 43-01	o our Orangeville Cl 5-30445; UTU-6753 5-30452; UTU-6853	DP: 12; Buzzard Bench 5; Buzzard Bench
House B	PERKINS 1	TITLE	REGULATORY CO	MPLIANCE TECH
NAME (PLEASE PRINT)	Colors		6/23/2005	
SIGNATURE	<u> </u>			
(This space for State use only)	Accepted by the			Dec -
	Utah Division of	Fortoral Anna-	uni Of This	RECEIVED
	I, Gas and Mining	Federal Appro- Action Is Ne	val UT TIIS Coccen	IIIN 2 0 soor
-	7/0/05		voosal y	JUN 29 2005
(52000) Date:	TIO(U) (See lost	ructions on Reverse Side)		DIV. OF OIL, GAS & MINING
Ву:	251 KILLY	tin, 22		and a minding

ner Andrews				_	UMLL
IN WELLS FROM COASTAL STATEMENT	il of	302425	!		
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FORM 9

STATE OF UTAH EPARTMENT OF NATURAL RESOUR

1	DEPARTMENT OF NATURAL RESO DIVISION OF OIL, GAS AND			5. LEASE DESIGNATION AND S	CEDIAL NUMBER:
		MINING		5. LEASE DESIGNATION AND S	ERIAL NUMBER.
SUNDRY	NOTICES AND REPOR	RTS ON WELLS	3	6. IF INDIAN, ALLOTTEE OR TR	(IBE NAME:
drill horizontal la	ew wells, significantly deepen existing wells below tterals. Use APPLICATION FOR PERMIT TO DR	w current bottom-hole depth, r RILL form for such proposals.	eenter plugged wells, or to	7. UNIT or CA AGREEMENT NA	ME:
TYPE OF WELL OIL WELL	GAS WELL 🗹 OTHE	R		8. WELL NAME and NUMBER:	- 36-138
2. NAME OF OPERATOR:				9. API NUMBER:	30 130
XTO ENERGY INC. 3. ADDRESS OF OPERATOR:		I PH	IONE NUMBER:	MULTIPLE 43 0	<u>15</u> 30550
382 CR 3100 CITY	AZTEC STATE NM		505) 333-3100	10. FIELD AND FOOL, OR WILL	OAT.
4. LOCATION OF WELL	, ,				
FOOTAGES AT SURFACE: MULTI	PLE			COUNTY: EMERY	
QTR/QTR, SECTION, TOWNSHIP, RANG		7E 36	,	STATE: UTAH	
11. CHECK APPR	ROPRIATE BOXES TO INDIC		NOTICE, REPO	RT, OR OTHER DATA	A
TYPE OF SUBMISSION		TYPI	E OF ACTION		
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRE	ENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TRI	EAT	SIDETRACK TO REPAIR	₹ WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRU		TEMPORARILY ABANDO	ON
***	CHANGE TO PREVIOUS PLANS	OPERATOR CH		TUBING REPAIR	
SUBSEQUENT REPORT	CHANGE TUBING CHANGE WELL NAME	PLUG AND ABA	NDON	VENT OR FLARE WATER DISPOSAL	
(Submit Original Form Only)	CHANGE WELL STATUS		START/RESUME)	WATER DISPOSAL WATER SHUT-OFF	
Date of work completion:	COMMINGLE PRODUCING FORMATION			OTHER: SURFAC	: F
	CONVERT WELL TYPE		- DIFFERENT FORMATION	COMMIN	
12. DESCRIBE PROPOSED OR CO	DMPLETED OPERATIONS. Clearly show	all pertinent details includ	ling dates depths volume	es etc	
	or surface commingle on the a	•	- , , ,		oroval was
	to the rejection of the Federal				
and subsequent work will	not be done.				
NAME (PLEASE PRINT) LORRI D.	BINGHAM	TITLE	REGULATORY (COMPLIANCE TECH	
SIGNATURE	Malan	DATE	9/23/2008		
(This space for State use only)			THE THEORY I WAS TO THE STATE OF THE STATE O	RECEIVE	
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				SEP 29 200	3

<u>Utah Wells Surfa</u>	ce Commingled a	t Huntington (<u>CDP</u>
Well Name	API#	Status	Lease
American West Group 15-128	43-015-30484	Shut In -	State
Conover 14-171	43-015-30529	Producing	State
Gardner Trust 16-121	43-015-30478	Producing	State
Lemmon LM 10-01	43-015-30242	Producing	Federal
Malone 14-131	43-015-30556	Producing	State
Rowley 08-111	- 43-015-30486	Producing	State
Seeley 08-112	43-015-30495	Producing	State
Seeley Farms 09-117	43-015-30501	Producing	State
State of Utah 16-8-31-12D	43-015-30608	Producing	State
State of Utah 16-8-31-32DX	43-015-30634	Producing	State
State of Utah 16-8-31-44D	43-015-30606	Producing	State
State of Utah 16-8-32-43	43-015-30566	Producing	State
State of Utah 17-8-15-14	43-015-30622	Producing	State
State of Utah 17-8-15-33	43-015-30561	Producing	State
State of Utah 17-8-17-32	43-015-30672	Producing	State
State of Utah 17-8-18-12	- 43-015-30626	Producing	State
State of Utah 17-8-18-24	43-015-30678	Producing	State
State of Utah 17-8-18-31	43-015-30671	Producing	State
State of Utah 17-8-18-43	43-015-30670	Producing	State
State of Utah 17-8-20-22	43-015-30623	Producing	State
State of Utah 17-8-21-33	43-015-30679	Producing	State
State of Utah 17-8-21-41	43-015-30631	Producing	State
State of Utah 17-8-22-14	43-015-30676	Producing	State
State of Utah 17-8-22-21	43-015-30624	Producing	State
State of Utah 17-8-28-12X	43-015-30699	Producing	State
State of Utah 17-8-3-11X	- 43-015-30635	Producing	State
State of Utah 17-8-4-21	43-015-30620	Producing	State
State of Utah 17-8-5-42R	43-015-30686	Producing	State
State of Utah 17-8-7-34	43-015-30621	Producing	State
State of Utah 17-8-8-14	43-015-30673	Producing	State
State of Utah 36-138	43-015-30550	Producing	State
State of Utah 36-139	43-015-30530	Producing	State
State of Utah AA 07-105	43-015-30497	Producing	State
State of Utah AA 07-106	43-015-30396	Producing	State
State of Utah AA 07-146	43-015-30569	Producing	State
State of Utah BB 04-116	- 43-015-30503	Producing	State
State of Utah BB 05-107	43-015-30479	Producing	State
State of Utah BB 05-108	43-015-30480	Producing	State
State of Utah BB 05-109	43-015-304 81	P&A -	State
State of Utah BB 05-110	43-015-30482	Producing	State
State of Utah BB 08-113	43-015-30496	Shut In-	State -
State of Utah BB 09-119	43-015-30437	Producing	State
State of Utah BB 09-120	- 43-015-30444	Producing	State
State of Utah CC 03-161	43-015-30552	Producing	State
State of Utah CC 10-123	43-015-30454	Producing	State
State of Utah CC 10-124	43-015-30438	Producing	State
State of Utah FF 10-125	43-015-30458	Producing	State
State of Utah FF 11-129	43-015-30459	Producing	State
State of Utah FF 11-130	43-015-30462	Shut-In-	State-

-should be on. Orangeville CBP

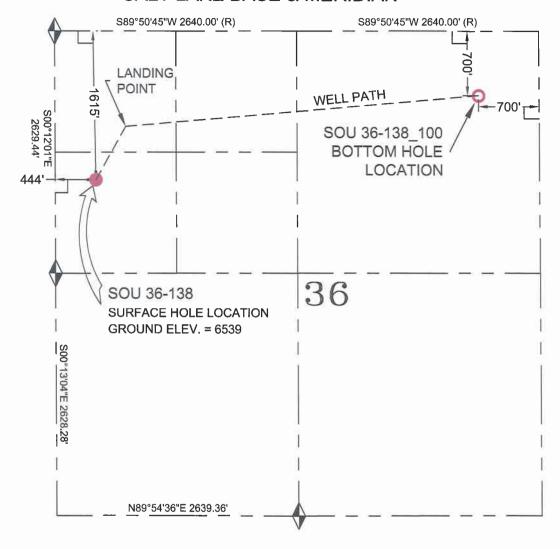
RECEIVED

SEP 2 9 2003

Sundry Number: 41334 API Well Number: 43015305500000

And the state of t	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER:			
	DIVISION OF OIL, GAS, AND MININ	G	ML-47100			
SUNDF	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	pen existing wells below laterals. Use APPLICATION	7.UNIT OF CA AGREEMENT NAME: HUNTINGTON CBM				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ST OF UT 36-138			
2. NAME OF OPERATOR: XTO ENERGY INC	AND THE PROPERTY OF THE PROPER	9. API NUMBER: 43015305500000				
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood,		ONE NUMBER: 7 Ext	9. FIELD and POOL or WILDCAT: BUZZARD BENCH			
1624 FNL 0469 FWL	615 FNL 444 FUL		COUNTY: EMERY			
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SWNW Section:	HIP, RANGE, MERIDIAN: 36 Township: 16.0S Range: 07.0E Meridiar	n: S	STATE: UTAH			
11. CHEC	K APPROPRIATE BOXES TO INDICATE N	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
heren var den am ampungsan i Sali Sali kanda kenderakan mendeliri. Militir Melad Militara birdi dela	ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
9/15/2013	☐ CHANGE WELL STATUS ☐	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION			
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL			
DRILLING REPORT	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	APD EXTENSION			
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:			
42 DECCRIPE DROPOSED OR	COMPLETED OPERATIONS. Clearly show all po	Domain Carrellines water (i) 1 10 to 20 to	anthe volumes ate			
	is planning on drilling a horizon	•	·			
	showing the well location surve					
		Α.	paravad by the			
Surf	BH C		oproved by the tah Division of			
	•	Oil .	Gas and Mining			
491847 ×	493108	X				
43601987	43600	Date: (08-22-13			
39.391235	39. 3	93745 By:	Sala Hill			
-111.094675	-1(1. 4	150045 BA: Z				
			1,0			
NAME (PLEASE PRINT) Richard L. Redus	PHONE NUMBER 303 397-3712	TITLE Regulatory	Professional (III security) (III (1900-1906 (1900-1906)) (III (1900-1906)) (IIII (1900-1906)) (IIII (1900-1906)) (IIII (1900-1906)) (IIII (1900-1906)) (IIII (1900-1906)) (IIII (19			
SIGNATURE N/A	Affilian rest ration is the segment to the set becomes in any of the Shall below about the system for the Shall below about the second of the	DATE 8/14/2013	addir ddird allo diologica (1901) and no magair fill (allocate ddirectory gold diological ym general gold an o			

TOWNSHIP 16 SOUTH, RANGE 7 EAST, SALT LAKE BASE & MERIDIAN



WELL LOCATION: SOU 36-138 SW 1/4, NW 1/4, SECTION 36, T16S, R7E, S.L.B.&M., EMERY COUNTY, UTAH.

THE BASIS OF ELEVATION USED FOR THIS SURVEY IS 6360.48 FEET AT THE WEST QUARTER CORNER OF SECTION 5, TOWNSHIP 17 SOUTH, RANGE 7 EAST, SALT LAKE BASE AND MERIDIAN, AS SHOWN ON THE EMERY COUNTY SECTION CORNER COORDINATE DATA SHEET.

CERTIFICATE OF SURVEY

I, M. CODY WARE, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR, LICENSE NO. 4940688 AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY OF THE LOCATION SHOWN AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

DATE: AUGUST 12, 2013



LEGEND



FOUND MONUMENT



WELL HEAD (SURFACE)



BOTTOM HOLE LOCATION



90° SYMBOL

RECORD BEARING/DISTANCE

GEODETIC COORDINATES:

SURFACE LOCATION (NAD 1983)

LAT.: 39°23'28.43" N (39.391231) LONG.: 111°05'40.69" W (111.094636)

(NAD 1927)

LAT.: 39°23'28.57" N (39.391269) LONG.: 111°05'37.97" W (111.093881)

BASIS OF BEARINGS:

BASIS OF BEARINGS IS A G.P.S. OBSERVATION

GRAPHIC SCALE 0 500 1000 1 IN = 1000 FT

WARE SURVEYING, L.L.C.

Phone: 435-820-4335 Email: waresurveying@emerytelcom.net 1344 North 1000 West Price, Utah 84501

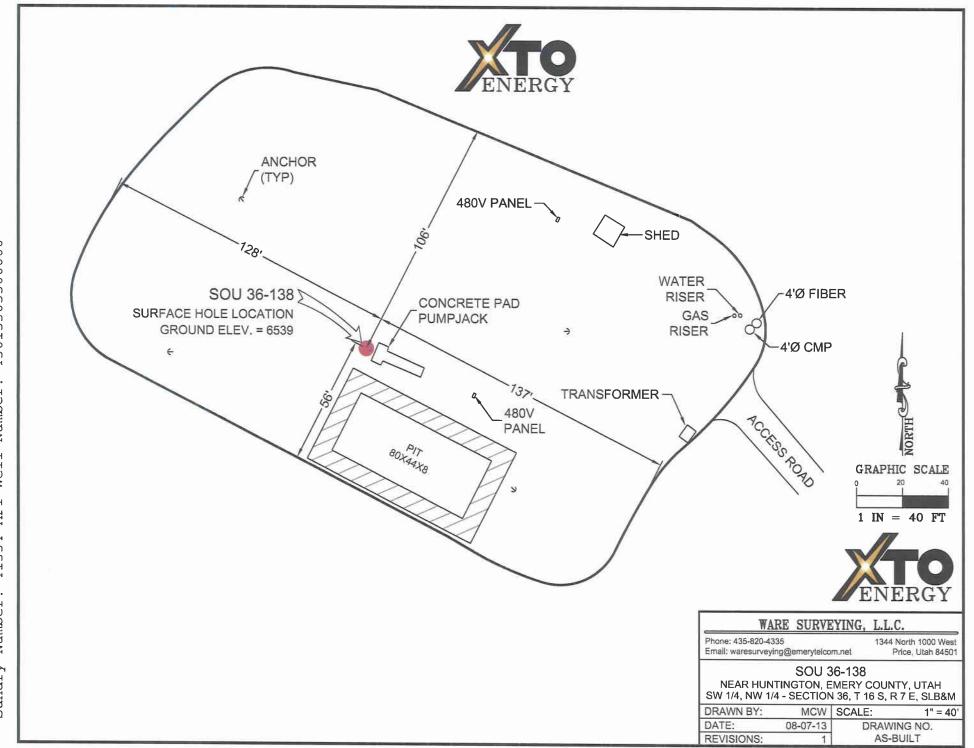
1" = 1000"

SOU 36-138

NEAR HUNTINGTON, EMERY COUNTY, UTAH SW 1/4, NW 1/4 - SECTION 36, T 16 S, R 7 E, SLB&M

DRAWN BY:	MCW	SCALE:
DATE:	08-12-13	DDAM
REVISIONS:	2	DRAV

DRAWING NO. P-1



Sundry Number: 41334 API Well Number: 43015305500000



Drilling Plan -Re-enter, Drill, Complete & Equip Single Lateral Wellbore in the Ferron Coal

Well Name and Location

SOU 36-138_100

Location: SW NW Sec 36, 16S-7E Foolage: 1615 ft FNL & 444 ft FWL

Elev Graded Pad 6539', KB 6559'

Emery County, UT

Formation Tops	TVD
Emery Sandstone	575
Emery A Marker	1,503
Ferron Sandstone	3,838
Ferron Coal 100 Target	3,942

Logging, DST and Coring Program

1. A mud log will be run from KOP to TD & on all laterals: Mudlog to include: total gas chromatograph and sample cuttings -30' sample intervals

Latitude

Longitude

39.391231

111.094636

North

West

An MWD GR/ROP log will also be run from KOP to TD of lateral.

- 2. Open hole logs are Not anticipated
- No DST's are planned at this time.

H₂S

No H2S has been found, reported or known to exist

Maximum Formation Pressure and Temp

- 1. Sub-Normal formation pressure gradient is expected (.3 psi/ft or 5.8 ppg) through target interval
- 2. The maximum anticipated BHT is 100 degrees F. or less.

BOP Equipment Requirements

See attached diagram detailing BOPE specifications.

- 1. Rig will be equipped with upper and lower kelly cocks with handles available.
- 2. Inside BOP and TIW valves will be available to use on all sizes and threads of DP used on well.
- 3. BOP accumulator will have enough capacity to close HCR valve, close all rams plus annular preventer & retain minimum of 200 psi above precharge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the usable fluid volume of the accumulator system capacity & the fluid level shall be mainatained at manufacturer's recommendation. There will be 2 additional sources of power for the closing pumps (electric and air). Sufficient N2 bottles will be available and will be recharged when pressure falls below manufacturer's minimum
- 4, BOP ram preventers will be tested to 3,000 psi for 10 minutes using a test plug when initially installed and at 30 day intervals. Test BOP & casing strings to .22 psi/fi (or 1500 psi minimum) for 30 minutes, prior to drilling out casing. Function test rams and hydraulically operated remote choke line valve daily (preferably at every crew change).
- 5. Remote valve for BOP rams, HCR & choke shall be placed in a location that is readily available to Driller. The remote BOP valve shall be capable of closing and opening the rams.
- 6. Hand wheels on BOP shall be equipped with locking devices. A locking device shall be placed on annular preventer line vaive & must be locked in the open position. This lock shall only be removed when the closing unit is inoperative.
- 7. BOP shall be tested when a.) Initially installed b.) Any seal is broken or BOP is repaired c.) Previous test exceeds 30 days

Drilling Fluid and Related Equipment

- 1. Pumps shall be equipped with stroke counters with displays located in dog house. Slow pump speed shall be recorded on drilling report daily after mudding up.
- 2. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog house.
- 3. Gas detecting equipment (for a chromatagraph) will be installed at shaker. Readouts will be available in dog house and in geologist trailer.
- 4. In the event gas flow becomes an issue, A flare pit shall be constructed not less than 100' from wellhead & 50' from cuttings handling area. Lines to the flare pit will be straight runs (staked down) and turns will utilize targeted tees. Flare pit will be located down wind as much as possible. An electronic ignitor will be used along with a propane line to provide for a continuous flare pilot.

Drilling Plan

Section 1 - Original Hole >>

				Set at:	4,163 ft			
Top	Btm	Ftg	Size	Wt	Grade			
0	4,163	4,163	5 1/2"	• • •			.,	10,640 8.95
	0	0 4,163	0 4,163 4,163	0 4,163 4,163 5 1/2"		- 117-0		0 4,163 4,163 5 1/2" 17 P-110 LTC 7,460 Minimum Safety Factors: 4.13

Load assumptions:

Collapse: full casing evacuation with fresh water external gradient

SOU 36-138_100 Permit Pkg 80513.xlsx

Sundry Number: 41334 API Well Number: 43015305500000

Burst: Maximum expected BHP with no external gradient

Section 2 - Drill Curve (10 Degree/100')>>

3,369 to: 4,329 Landing Point

1500

psi

Hole Size:

4 3/4"

Mud: BHA. 2% KCl, 8.4ppg

Bit, Mud Motor, MWD

Procedure:

Before Drilling Curve: Test Casing for 30 min to

Set whipstock and mill casing window. TOH. PU curve BHA.

Logs:

Drill Curve per directional plan (maximum survey interval is 30'). MWD GR/ROP. Mud log.

Section 4 - Lateral #1>>

4,329 to: 8,096 TD (MD)

Hole Size:

4 3/4"

Mud:

2% KCI, 8.4ppg

Bits:

Bit, Mud Motor, MWD

Procedure:

TIH w/bit and directional tools. Drill open hole lateral per directional plan to TD target. Max survey interval in lateral is 90'.

Liner:

TOH with DP & BHA. Run Casing. 4" 11.35# L-80 Ultra Flush Joint Pre-Perfed Liner and release in lateral

Top:

3,379 - KOP

8,096 <-- spaced out as close to TD as possible

Logs:

MWD GR/ROP, Mud log.

Finalize Well >>>>

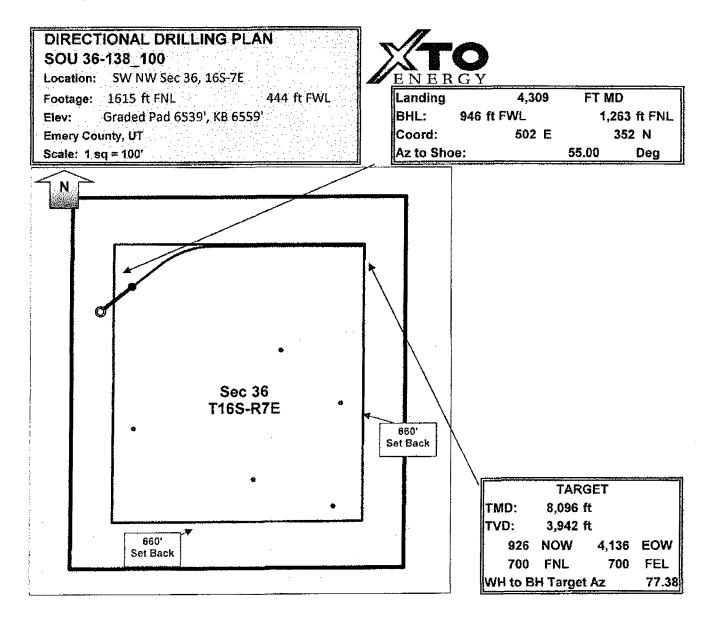
Circulate clean, Set Wireline retrievable Packer. Retrieve whip stock. LD DP, ND BOP and NU tree, RDMO.

Prepared By: Cole Walton

SOU 36-138_100 Permit Pkg 80513.xlsx

		Compani	/ XTO Ene	ray, Inc				Tar	get Inclination	90			
			SOU 36-1						ic Declination				
		Build Rate		70_100					Target TVD	3,942			
	Dolativa T	urn Direction						Ŧ	arget Azimuth	77,38	55.00	Nudge Azir	nuth
•		ate - Deg/10			16.00	Total Turn		•	engot remattif	,	55.00	KOP Az	
		_			35,00	TOTAL TOTAL	Tomat	Coordinates f	rom Surf Locn	4136 E	926 N	4,238	VS.
		Csg Tangen Lat Tangen					ı aı gət v	Sourdinates i	on our rock	4130 C	320 16	1 4,200	7.5
		Latiangen	į 349.04										
Date	No	, DEPTI	INC.	AZM	C.L.	T.V.D.	V.S.	N/S	E/W	DLS	B./D.	Walk	BRN
	1		0.000	0.00		0.00	0.00	0.00 N	0.00 €	0.00			0.0
	2		100		0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	#DIV/0!	0.0
	3		0.00		0.0 3259.0	0.00 3259.04	0.00	0.00 N 0.00 N	0.00 E	0.00	0.00	#DIV/0I 0.00	0,0 8.3
	4	3,26 3,35	THE PROPERTY OF THE PROPERTY O	6.00	100.0	3359.04	0.00	0.00 N	0.00 E	0.00	Q.00	-55.00	9.8
KOP1		3,36		55.00	10.0	3369.04	0.00	0.00 N	0.00 E	0.00	0.00	550.00	10.0
	7	3,38		55.00	18.0	3387.04	0.26	0.16 N	0.23 E	10.00	10.00	0.00	10.0
	8	3,40		55.00	18.0	3405.02	1.05	0.65 N	0.93 E	10.00	10.00	0.00	10.0
· .	9	3,42		55.00	18.0	3422.96	2.35	1.46 N	2.08 E	10.00	10.00	0.00	10.0
	10			55.00 55.00	18.0 18.0	3440.85 3458.67	4,18 6.52	2,59 N 4.05 N	5.78 E	10.00	10.00	0.00	10.0
	11			55.00	18.0	3456.67	9.38	5.82 N	8.31 E	10.00	10.00	0.00	10.0
	13			55.00	18.0	3494.03	12.76	7.91 N	11.30 E	10.00	10.00	0,00	10.0
	14			55.00	18.0	3511.53	16.64	10.32 N	14.74 E	10.00	10.00	0.00	10.0
	15			55.00	18.0	3528.89	21.04	13.05 N	18.63 E	10.00	10.00	0.00	10.0
	16	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		55.00	18.0	3546.10	25.93	16.08 N	22.97 E	10.00	10.00	0.00	10.0 10.0
	17	3,56		55.00 55.00	18.0 18.0	3563.12 3579.96	31.32 37.20	19.43 N 23,08 N	27.75 E 32.96 E	10.00	19.00	0.00	10.0
	18			55.00	18.0	3596.59	43.57	27.03 N	38.60 E	10.00	10.00	0.00	10.0
	20			55.00	18.0	3513.00	50.42	31.28 N	44.67 E	10.00	10.00	0,00	10.0
	21			55.90	18.0	3629.16	57.74	35,82 N	51,15 €	10.00	10.00	0.00	10.0
	22	3,65	7 28.80	55.00	18.0	3645.07	65.53	40.65 N	58.05 E	10.00	10.00	0.00	10.0
	23			55.00	18.0	3660.70	73.78	45.77 N	66.36 E	10.00	10.00	0.00	10.0
	24			55.00	18.0	3676.06	82.47	51.16 N 56.83 N	73.06 E 81.15 E	10.00	10,00	0.00	10.0
	25			55.00 66.00	18.0 18.0	3691.09 3705.82	91,61	62,76 N	89.63 E	10.00	10.00	0.00	10.0
	26			55.00	18.0	3720.21	111.17	68.96 N	98.48 E	10.00	10.00	0.00	10.0
	28			55.00	18.0	3734.26	121.58	75.42 N	107.70 E	10.00	10.00	0.00	10.0
	29			55.00	18.0	3747.95	132.39	82.12 N	117.28 E	10.00	10.00	0.00	10.0
	30	· f		55.00	18.0	3761.26	143.59	89.07 N	127.20 E	10.00	10.00	0.00	10.0
	31	-		55.00	18.0	3774.18	156.17	96.25 N 103.67 N	137.46 E 148.05 E	10.00	10.00	0.00	10.0 10.0
	32			55.00 55.00	18.0 18.0	3786.71 3798.82	167,12 179,43	111.39 N	158.95 É	10.00	10.00	0.00	10.0
	34			55.00	18.0	3810.51	192.09	119,16 N	170.16 E	10,00	10.00	0.00	10.0
	35			65.00	18.0	3821.77	205.07	127.21 N	181.67 E	10.00	10.00	0.00	10.0
	36	3,90		55.00	18.0	3832.57	218.38	135,47 N	193.46 E	10.00	10.00	0.00	10.0
	37	3,92		55.00	18.0	3842.92	232.00	143.91 N	205.52 E	10.00	10.00	0.00	10.0
	38			55.00	18.0	3852.81	245,91	152.54 N	217.85 E 230.42 E	10.00	10.00 10.00	0.00	10.0 10.0
	39			65.00 65.00	18.0 18.0	3862.21 3871.13	260.10 274.56	161.35 N 170.31 N	243.22 E	10.00	10.00	0.00	10.0
	40		1	65.00	18.0	3879.65	289.27	179.44 N	266.26 E	10.00	10.00	0.00	10.0
	42	···		55.00		3887.47	304.21	188.71 N	269.49 E	10.00	10,00	0.00	10.0
	43			55.00	18.0	3894.88	319.38	198.12 N	282.93 E	10.00	10.00	0.00	10.0
	44	4,05		55.00	18.0	3901.76	334.76	207.66 N	296.55 E	10.00	10.00	0.00	10.0
	45			55.00	18.0	3908.13	360.32	217.31 N	310.34 E 324.29 E	10.00	10.00	0.00	10.0 10.0
	46			55.00 65,00	18.0 18.0	3913.96 3919.25	366.07 381.98	227.08 N 236.95 N	324.29 E	10.00	10.00	0.00	10.0
	47 48			55.00	18.0	3924.00	398.03	246.91 N	352.60 E	10.00	10.00	0.00	10.0
	49			55.00	18.0	3928.20	414.21	256.95 N	366.94 E	10.00	10.00	0.00	10.0
	50		79.20	55.00	18.0	3931.85	430.51	267.06 N	381.38 E	10.00	10.00	0.00	10.0
	51	4,17		55.00	18.0	3934.95	446.91	277.23 N	395.90 E	10.00	10.00	0.00	10.0
	52			65.00 FF 00	18.0	3937.48 3939.46	463.38 479.92	287.45 N 297.71 N	410,50 E 425,15 E	10.00	10.00	0.00	10.0
	53 54			55.00 55.00	18.0 18.0	3940.87	496.52	308.00 N	439.85 E	10.00	10.00	0.00	10.0
	56			55.00	18.0	3941.72	513.14	318.31 N	454.58 E	10.00	10.00	0.00	10.0
END OF C				55.00	18.0	3942.00	529.78	328.64 N	469.32 E	10.00	10.00	0.00	0.0
CASING S	_			55.00	40	3942.00	566.77	351.58 N	502.09 E	0.00	0.00	0.00	0.0
START TU					549.842	3942.00	1075.19	666.95 N	952.49 E	0.00	0.00	0.00	0.0
.,,,,,,	59			55.70	17.50	3942.00	1091.42	676.90 N	966,89 E	4.00	0.00	4.00 4.00	0.0 D.0
	60		+	55.40	17.50 17.50	3942.00 3942.00	1107.72 1124.10	586.68 N 596.27 N	981.40 E 996.04 E	4.00	0.00	4.00	0.0
	61			57.10 57.80	******	3942.00	1140.55	705.69 N	1010.79 E	4.00	0.00	4.00	0.0
	63			58.50		3942.00	1157.07	714.92 N	1025.65 E	4.00	0.00	4.00	0.0
										4.00	0.00		0.0

	86	4,999	90.00	60.60	17.50	3942.00	1207.05	741.53 N	1070.91 E	4.00	0.00	4.60	0.0
	67	5,016	90.00	61.30	17.60	3942.00	1223.83	750.02 N	1086.21 E	4.00	0.00	4.00	0.0
	68	5,034	90.00	62.00	17.50	3942.00	1240.68	758.33 N	1101.61 E	4.00	0.00	4.00	0.0
	69	5,051	90.00	62.70	17.50	3942.00	1257.58	766.46 N	1117.11 E	4.00	0.00	4.00	0.0
	70	5,069	90.00	63.40	17.50	3942.00	1274.53	774.39 N	1132.71 E	4.00	0.00	4.00	0.0
	71	5,086	90.00	64,10	17.50	3942.00	1291.54	782.13 N	1148.40 E	4.00	0.00	4.00	0.0
	72	5,104	90.00	64.80	17.50	3942.00	1308.59	789,67 N	1164.19 E	4.00	0.00	4.00	0.0
	73	5,121	90.00	65.50	17.50	3942.00	1325,70	797.03 N	1180.07 E	4.00	0.00	4.00	0.0
	74	5,139	90.00	66.20	17,50	3942.00	1342.84	804.19 N	1196,04 E	4,00	0.00	4.00	0.0
,	75	5,156	90.00	66.90	17.50	3942.00	1360.03	811.15 N	1212.09 E	4.00	0.00	4.00	0.0
	76	5,174	90.00	67.60	17.50	3942.00	1377.26	817.92 N	1228.23 E	4.00	0.00	4.00	0.0
	77	5,191	90.00	58.30	17.50	3942.00	1394.52	824.49 N	1244.45 E	4.00	0.00	4.00	0.0
" ···	78	5,209	90.00	69.00	17.50	3942.00	1411.82	830.86 N	1260.75 E	4.00	0.00	4.00	0.0
	79	6,226	90.00	69.70	17.50	3942.00	1429.15	837.03 N	1277.13 E	4.00	0.00	4.00	0.0
	80	5,244	90.00	70.40	17.50	3942.00	1446.50	843.00 N	1293.58 E	4.00	0.00	4.00	0.0
	81	5,261	90.00	71.10	17.50	3942.00	1463.89	848.77 N	1310.10 E	4.00	0.00	4.00	0.0
	82	5,279	90.00	71.80	17.50	3942.00	1481,29	854.34 N	1326.69 E	4.00	0,00	4.00	0.0
	83	6,296	90.00	72.50	17.50	3942.00	1498.72	859.70 N	1343.35 E	4.00	0.00	4.00	0.0
	84	5,314	90.00	73.20	17.50	3942.00	1516.17	864.86 N	1360.07 E	4.00	0.00	4.00	Q .0
	85	5,331	90.00	73.90	17.50	3942.00	1533,63	869.82 N	1376.85 E	4.00	0.00	4.00	0.0
······································	86	5,349	90.00	74.60	17.50	3942.00	1551.10	874.57 N	1393.69 E	4.00	0.00	4.00	0.0
	87	5,366	90.00	75,30	17.50	3942.00	1568.58	879.11 N	1410.59 E	4.00	0.00	4.00	0.0
 	88	5,384	90.00	76.00	17.50	3942.00	1586.08	883.45 N	1427.55 E	4.00	0.00	4.00	0.0
	89	5,401	90.00	76.70	17.50	3942.00	1603.57	887.58 N	1444.65 E	4.00	0.00	4.00	0.0
	90	5,419	90.00	77.40	17.50	3942.00	1621.07	891.50 N	1461.61 E	4.00	0.00	4.00	0.0
	91	5,436	90.00	78.10	17.50	3942.00	1638,57	895.22 N	1478.71 E	4.00	0.00	4.00	0.0
····	92	5,464	90.00	78.80	17.50	3942.00	1656.07	898.72 N	1495.85 E	4.00	0.00	4.00	0.0
· 	93	5,471	90.00	79.50	17.50	3942.00	1673.56	902.01 N	1513.04 E	4.00	0.00	4.00	0.0
	94	5,489	90.00	80,20	17.50	3942.00	1691.04	905.10 N	1530.27 E	4.00	0.00	4.00	0.0
	95	6,506	90.00	80.90	17.50	3942.00	1708.52	907.97 N	1547.53 E	4.00	0.00	4.00	0.0
	96	5,524	90.00	81.60	17.50	3942.00	1725.98	910.63 N	1564.83 E	4.00	0.00	4.00	0.0
	97	5,541	90.00	82.30	17.50	3942.00	1743.42	913.08 N	1582.15 E	4.00	0.00	4.08	0.0
•	98	5,559	90.00	83.00	17.50	3942.00	1760.85	916.32 N	1599,51 E	4.00	0.00	4.00	0.0
· · · · · · · · · · · · · · · · · · ·	99	5,576	90.00	83.70	17.50	3942.00	1778.25	917.35 N	1616.89 E	4.00	0.00	4.00	0.0
	100	5,594	90.00	84.40	17.50	3942.00	1795.63	919.16 N	1634.30 E	4.00	0.00	4.00	0.0
-	101	5,611	90.00	85.10	17.50	3942.00	1812.99	920.77 N	1651.72 E	4.00	0.00	4.00	0.0
*****	102	5,629	90.00	85.80	17.50	3942.00	1830.31	922.15 N	1669.17 E	4.00	0.00	4.00	0.0
	103	5,646	90.00	86.60	17.50	3942.00	1847.61	923.33 N	1686.63 E	4.00	0.00	4.00	0.0
1	104	5,664	90.00	87.20	17.50	3942.00	1864.87	924.29 N	1704.10 E	4.00	0.00	4.00	0.0
	106	5,681	90.00	87.90	17.50	3942.00	1882.10	925.04 N	1721.58 E	4.00	0.00	4.00	0.0
	106	5,699	90.00	88.60	17.50	3942.00	1899.28	925.57 N	1739.08 E	4.00	0.00	4.00	0.0
	107	5,716	90.00	89.30	17,50	3942.00	1916.43	925.89 N	1756.57 E	4.00	0.00	4.00	0.0
END TURN	108	5,734	90.00	90.00	17.50	3942.00	1933.53	926.00 N	1774.07 E	4.00	0.00	4.00	0.0
TD	109	8,096	90.00	90.00	2361.93	3942.00	4238.39	926 N	4136 E	0.00	0.00	0.00	0.0
OPEN HOLE	PAY												
3,787													
41(31	, 												
· · · · · · · · · · · · · · · · · · ·	 												



DIRECTIONAL DRILLING PLAN SOU 36-138_100

Location: SW NW Sec 36, 16S-7E

Footage: 1615 ft FNL

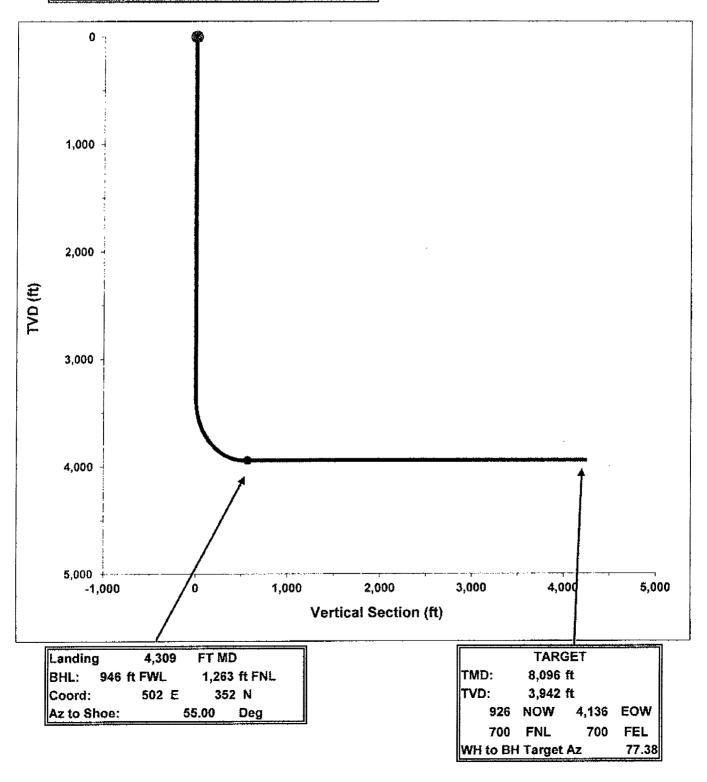
444 ft FWL

Elev:

Graded Pad 6539', KB 6559'

Emery County, UT Scale: 1 sq = 500'





Title Info			Legend	
Well Name	SOU 36-138_10		Yellow	Data from Lat #1 Plan
Created	8/5/2013	***	Green	Geo Inputs
Hearing Date			Orange	Survey Plats
HOC X-Ref			None	Other Inputs
AFE#			Red	Outputs
State	UT			
County	Emery			
Township	165			
Range	7E			
Sec 1 - Spacing Unit	36			
Sec 2 - Spacing Unit		36, 16S-7E	Loc of Surf	Location (Sec, Twn, Rng)
Rig	E	A,B,C,D,E,F		
Surface Quarter/Quarter	SW NW			
Well Head Footage	1,615	ft FNL		
Well Head Footage	444	ft FWL		
Pad Elevation from Sea Level	6,539		-	
KB Height (from Ground)	20			
KB Elevation (From Sea Level)	61.50			
Well Head Latitude	39.391231	N		
Well Head Longitude	111.094636	W		
Geodetic System	US STATE	PLANE 1983		
Geodetic Datum	N/	ND 83		
Map Zone			Ä	
Well Design	Re-enter, Drill, C	omplete & Equip 9	Single Lateral	Wellbore in the Ferron Coal
Driving Directions				

Geologic Info

Formation	Top (FSL)	Depth	Target	Comment
Emery Sandstone	5984	575		
Emery A Marker	5,056	1,503		
Lower Bluegate Shale Marker	4,792	1767	2,020	Top of less emt
Ferron Sandstone	2,721	3,338		
Ferron Coal 100 Target	2,617	3,942		

Electric Logs	Bottom	Тор	_
GR, Resisitivity, BHC Sonic	TD	Surf Csg	F REQUIRED BY THE STATE!
Density - Neutron Porosity	TD	50' above Tyler	J I REGUIRED BY THE STATE!

Drilling Information

Rig Contractor	\$21	
Rig Number	448	
Kickoff Point	3,369	FT, MC
End of Build	4,269	FT, MD
7" Casing point	4,305	FT, MC

FNL, FWL, FEL, FSL

TD (MD)

Lateral #1

Lateral #1

		T	arget	
	Feet	Reference	Feet	Reference
Lateral #1	926	NOW	4,136	EOW
	NOW = NORTH	OF WELL, WOW = W	EST OF WELL	
	Feet	Reference	Feet	Reference
Lateral #1	700	FNL	700	FEL
	FNL, FWL, FEL,	FSL		
	TD (MD)	P RATE (ft/day)	7" Csg Pt	Ft of Lateral
Lateral #1	8,096		4,309	3787
	· · · · · · · · · · · · · · · · · · ·	A	ctual	-11-11-1-1-1-11-11-11-11-11-11-11-11-11
	Feet	Reference	Feet	Reference
Lateral #1				
	NOW = NORTH	OF WELL, WOW = W	EST OF WELL	
	Feet	Reference	Feet	Reference

P RATE (ft/day)

7" Csg Pt

Ft of Lateral

Sundry Number: 41334 API Well Number: 43015305500000

GEOLOGIC PROGNOSIS

WELL NAME: SOU 36-138_100 PROSPECT: Ferron Coaf Play

COUNTY: Emery STATE: Utah

SURFACE LOCATION: SW NW Sec 36, 16S-7E BOTTOM HOLE LOCATION - E Leg: NE NE Sec 36, 16S-7E

ELEVATION: Ground: 6,539 KB: 6,559

API# Reference Well:

NDIC Permit #: Fed T 22-69H

XTO

KB Elev.: 6,559

ESTIMATED TOPS:

	TVD		ACT	UAL	DEEP REFERENCE WELL	
*Prospective Pay	DEPTH	ELEV.	DEPTH	ELEV.	DEPTH	ELEV.
Emery Sandstone	575	5,984			575	5,984
Emery A Marker	1,503	5,056			1,503	5,056
Lower Bluegate Shale Marker	1,767	4,792			1,767	4,792
Ferron Sandstone	3,838	2,721			3,838	2,721
Ferron Coal 100 Target	3,942	2,617			3,942	2,617
End of Lateral Target	3,778	2,781			3,778	2,781

DRILLING PROGRAM: Drill 1 horizontal leg in Ferron Coal

SAMPLE PROGRAM: Catch 30' samples
CORE PROGRAM: None planned
DRILL STEM TESTS: None planned
MUD SYSTEM: Air Mist

MUD LOGGING: Run total gas and chromatograph and plot drilling rate

Describe all samples.

LOGGING PROGRAM: MWD Gamma Ray in build & horizontal hole

Open hole Logs are not planned

CALL MORNING REPORT TO: Jim Kwolek

SERVICE COMPANIES: The following service companies will be used in conjunction with this well.

Testing: None planned
Coring: None planned
Directional & MWD: To be determined.
Open-Hole Logging: Non Planned

GENERAL INFORMATION:

Anytime there is a question in your mind concerning the well, no matter what the time of day, please call.

Notify the Geologist of any DEPTH MEASUREMENT CORRECTIONS OR UNUSUAL HOLE DEVIATIONS.

XTO ENERGY REPRESENTATIVES:

RIG SUPERVISOR: DRILLING SUPERINTENDENT:

Page 9 Bobbypulaskson_filefr-486k-4Rg8ctQsill)sx Geo-Prog

RECEIVED: Aug. 14, 2013

Sundry Number: 41334 API Well Number: 43015305500000

303-397-3720 (Office)

ENGINEER: Cole Walton (303) 397-3718 (Office) GEOLOGISTS: James Kolek 817-885-1216 (Office)

(405) 420-5910 (Cell)

		Company	XTO Ene	AN - I rgy, Inc				Tar	get Inclination	90		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
			SOU 36-1	38_100				Magnet	ic Declination _				
		Build Rate	14.00						Target TVD	3,942			
		n Direction		<u></u>					arget Azimuth	77.38	55.00	4 000	
Ţ	urn Rati	e - Deg/100					Target	Coordinates is	ont Surf Loca	4136 E	926 N	4,238	
Date	No.	DEPTH	INC.	AZM	C.L.	T.V.D.	v.s.	N/S	E/W	DLS	B./D.	Walk	BRN
Y: 1- 6	1 2	0			0	0.00	0.00	0.00 N 0.00 N	0.00 E	0.00	0.00		0.0
Tie In @ Surface Csg	3				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
<u> </u>	4	-			0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	6	,,,,,			0.0	0.00	9.00	0.00 N	0.00 E	0.00	0.00		0.0
	7				0.0 0.0	0.00	00.0	0.00 N 0.00 N	0.00 E	0.00	90.00 00.0		0.0 0.0
	8				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	9				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
·	16				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	11				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	13				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
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	16 17	···· /			0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	18				0.0	0.00	0.00	0.00 N	0.00 €	0.00	0.00		0.0
	19				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	20			ļ	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	22				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	23				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	24				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	25 26				0.0	0.00	0.00	0.00 N 0.00 N	0.00 E	0.00	0.00		0.0
	27				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	28				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	29				0.0	0.00	0.00	0.00 N	0.00 E	00.0	0.00		0.0
	30 31				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	32	1			0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	33				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	34				0.0	0.00	0.00	0.00 N 0.00 N	0.00 E	0.00	0.00	-	0.0
	36 36				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
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	39 40				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	-	0.0
	41				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	42				0,0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	43				0.0	0.00	0.00	0.00 N 0.00 N	0.00 E	0.00	0.00	-	0.0
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,, ,, ,,	46				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
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	49 50				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	51				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	52				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	53			ļ	0.0	0.00 0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	54 55				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	56				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	57				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	58				0.0	0.00	0.00	0.00 N 0.00 N	0.00 E	0.00	0.00		0.0
	59 60		****		0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
	61				0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00		0.0
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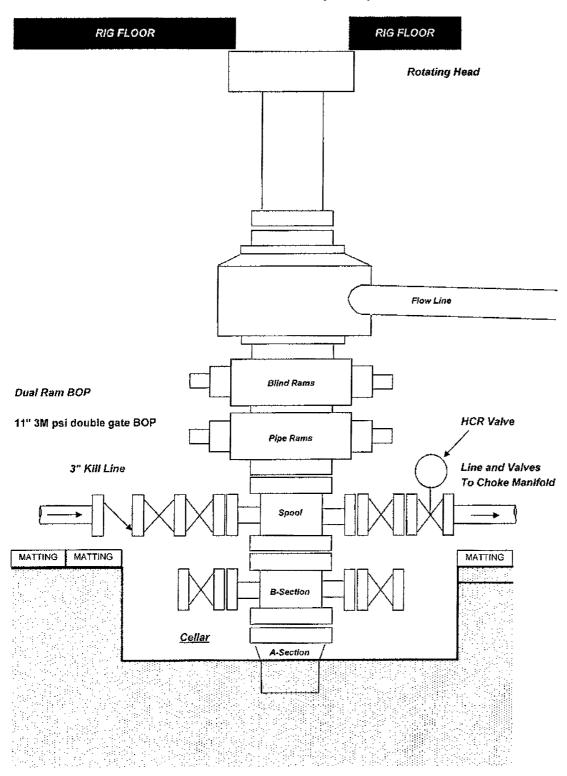
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70	0,0	0,00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
71	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
72	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
73	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
74	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
75	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
76	0.0	0.00	0.00	0.00 N	0.00 €	0.00	0.00	0.00
77	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
78	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
79	0.0	0.00	0.00	6.00 N	0.00 E	0.00	0.00	0.00
60	0.0	0.00	0.00	9.00 N	0.00 E	0.00	0.00	0.00
81	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
82	0.0	0.00	0.00	0.00 N	0.00 €	0.00	0.00	0.00
83	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
84	0.0	0.00	0.00	0.00 N	0,00 E	0.00	0.00	0.00
85	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
86	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
87	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
88	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
89	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
90	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
91	0.0	0.00	0.00	Q.90 N	0.00 E	0.00	0.00	0.00
92	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
93	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
94	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
95	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
96	0.0	0.00	0.00	0.00 N	9.00 E	0.00	0.00	0.00
97	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
98	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
99	0.0	0.00	0.00	0.00 N	0.00 E	0.90	0.00	0.00
100	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
101	0.0	0.00	0.00	0.00 N	0.00 €	0.00	0.00	0.00
102	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
103	0.0	0.00	0.00	0.00 N	0.00 E	0,00	0.00	0.00
104	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.06
105	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
106	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
107	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
108	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
109	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	6.00
110	0.0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00

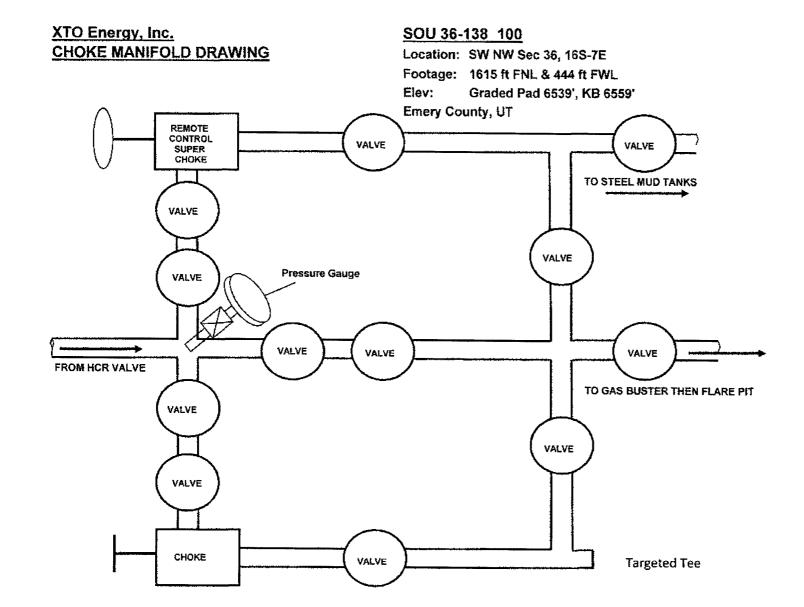
XTO Energy, Inc. BOP STACK DIAGRAM

SOU 36-138 100

Location: SW NW Sec 36, 16S-7E Footage: 1615 ft FNL & 444 ft FWL Elev: Graded Pad 6539', KB 6559'

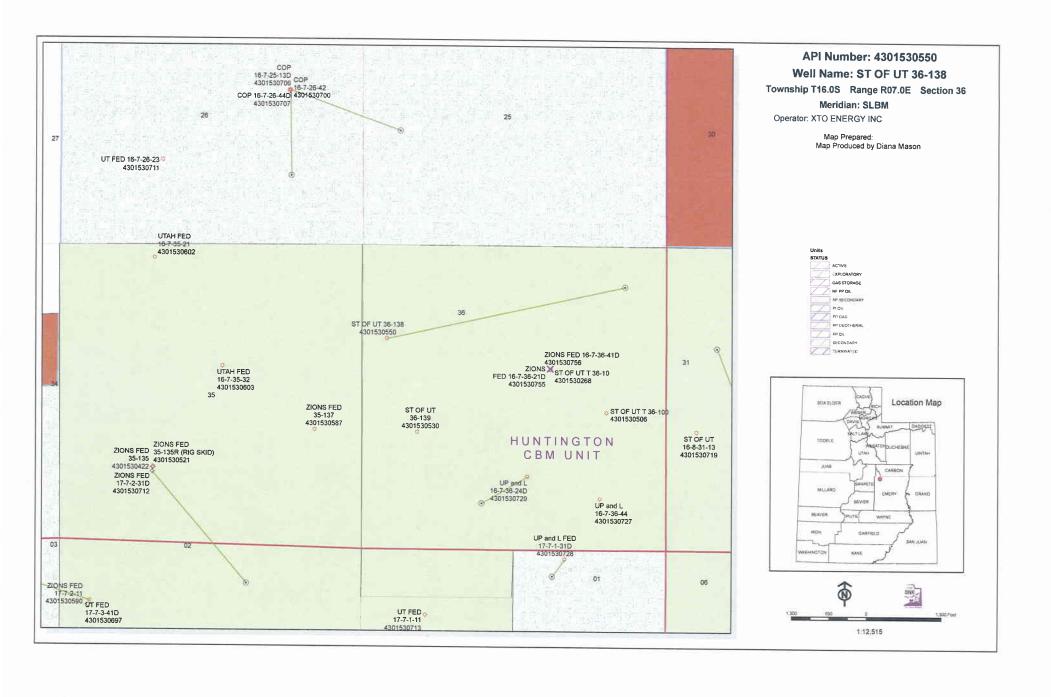
Emery County, UT

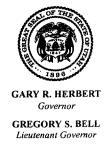




WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/14/2013		API NO. ASSIG	GNED: 43-01	5-30550		
WELL NAME: ST OF UT 36-138 OPERATOR: XTO ENERGY INC (N2615) CONTACT: RICHARD REDUS		PHONE NUMBER:	303-397-371	2		
PROPOSED LOCATION:		INSPECT LOCATN	BY: /	/		
SWNW 36 160S 070E		Tech Review	Initials	Date		
SURFACE: 1615 FNL 0444 FWL BOTTOM: 0700 FNL 0700 FEL		Engineering	DKO	8/22/13		
COUNTY: EMERY		Geology				
LATITUDE: 39.39124 LONGITUDE: -111.09468 UTM SURF EASTINGS: 491847 NORTHINGS: 4360	1 98	Surface				
FIELD NAME: BUZZARD BENCH (132						
LEASE TYPE: 3 - State LEASE NUMBER: ML-47100 SURFACE OWNER: 3 - State		PROPOSED FORMA' COALBED METHANI				
Plat Plat Sta[] Fee[] (No. 104312762 Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. MUNICIPAL M RDCC Review (Y/N) (Date:) M Fee Surf Agreement (Y/N) NA Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: HUNTINGTON CBM R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: Eff Date: 4-25:2001 Siting: 460' Y u bary function. In R649-3-11. Directional Drill					
STIPULATIONS: O HORIZONTAL (2) RESERVE PIT SYNTHETIC LINER						





State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 22, 2013

XTO Energy Inc PO Box 6501 Englewood, CO 80155

Subject: ST of UT 36-138 Well, Surface Location 1615' FNL, 444' FWL, SW NW, Sec. 36, T.

16 South, R. 7 East, Bottom Location 700' FNL, 700' FEL, NE NE, Sec. 36, T. 16

South, R. 7 East, Emery County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 245-02. The expected producing formation or pool is the Ferron Coal Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-015-30550.

Sincerely,

John Rogers

Associate Director

JR/BGH/js Enclosures

cc: Emery County Assessor

SITLA BLM-Price



Operator:	XTO Energy Inc			
Well Name & Number	ST of UT 36-13	8		
API Number:	43-015-30550			
Lease:	ML-47100			-
Surface Location: SW NW	Sec.36	T. 16 South	R.7 East	
Bottom Location: NE NE	Sec.36	T. 16 South	R. 7 East	

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well contact Carol Daniels OR
 - Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment contact Dan Jarvis
- 24 hours prior to cementing or testing casing contact Dan Jarvis
- Within 24 hours of making any emergency changes made to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan contact Dustin Doucet
- Significant plug back of the well contact Dustin Doucet
- Plug and abandonment of the well contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

Carol Daniels (801) 538-5284 office
 Dustin Doucet (801) 538-5281 office

(801) 733-0983 after office hours

• Dan Jarvis at: (801) 538-5338 office (801) 231-8956 after office hours

3. Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging
- 4. In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 5. Reserve pit shall be lined with a synthetic liner of a least 16 mil thickness.

Sundry Number: 43221 API Well Number: 43015305500000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-47100
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME: HUNTINGTON CBM
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ST OF UT 36-138
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43015305500000
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood,	CO, 80155 303 397-3	PHONE NUMBER: 727 Ext	9. FIELD and POOL or WILDCAT: BUZZARD BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1615 FNL 0444 FWL			COUNTY: EMERY
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 36 Township: 16.0S Range: 07.0E Merio	dian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	✓ ALTER CASING	CASING REPAIR
Approximate date work will start:	✓ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
10/30/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
I .	completed operations. Clearly show a his sundry to notify the State change the casing size.		
NAME (PLEASE PRINT) Richard L. Redus	PHONE NUMB 303 397-3712	ER TITLE Regulatory	
SIGNATURE N/A		DATE 10/3/2013	

Sundry Number: 43221 API Well Number: 43015305500000



Drilling Plan -

Re-enter, Drill, Complete & Equip Single Lateral Wellbore in the Ferron Coal

Latitude

Longitude

39.391231

111.094636

North

West

Well Name and Location

SOU 36-138_100

Location: SW NW Sec 36, 16S-7E Footage: 1615 ft FNL & 444 ft FWL

Elev:

Graded Pad 6539', KB 6559'

Emery County, UT

ormation Tops	TVD	
Emery Sandstone	575	
Emery A Marker	1,503	
Ferron Sandstone	3,838	
Ferron Coal 100 Target	3,942	

Logging, DST and Coring Program

 A mud log will be run from KOP to TD & on all laterals: Mudlog to include: total gas chromatograph and sample cuttings -30' sample intervals

An MWD GR/ROP log will also be run from KOP to TD of lateral.

- 2. Open hole logs are Not anticipated
- 3. No DST's are planned at this time.

H₂S

F

No H2S has been found, reported or known to exist

Maximum Formation Pressure and Temp

- 1. Sub-Normal formation pressure gradient is expected (.3 psi/ft or 5.8 ppg) through target interval
- 2. The maximum anticipated BHT is 100 degrees F. or less.

BOP Equipment Requirements

See attached diagram detailing BOPE specifications.

- 1. Rig will be equipped with upper and lower kelly cocks with handles available.
- 2. Inside BOP and TIW valves will be available to use on all sizes and threads of DP used on well.
- 3. BOP accumulator will have enough capacity to close HCR valve, close all rams plus annular preventer & retain minimum of 200 psi above precharge on the closing manifold without the use of closing pumps. The fluid reservoir capacity shall be at least double the usable fluid volume of the accumulator system capacity & the fluid level shall be maintained at manufacturer's recommendation. There will be 2 additional sources of power for the closing pumps (electric and air). Sufficient N2 bottles will be available and will be recharged when pressure falls below manufacturer's minimum
- 4. BOP ram preventers will be tested to 3,000 psi for 10 minutes using a test plug when initially installed and at 30 day intervals. Test BOP & casing strings to .22 psi/ft (or 1500 psi minimum) for 30 minutes, prior to drilling out casing. Function test rams and hydraulically operated remote choke line valve daily (preferably at every crew change).
- 5. Remote valve for BOP rams, HCR & choke shall be placed in a location that is readily available to Driller. The remote BOP valve shall be capable of closing and opening the rams.
- 6. Hand wheels on BOP shall be equipped with locking devices. A locking device shall be placed on annular preventer line valve & must be locked in the open position. This lock shall only be removed when the closing unit is inoperative.
- 7. BOP shall be tested when a.) Initially installed b.) Any seal is broken or BOP is repaired c.) Previous test exceeds 30 days

Drilling Fluid and Related Equipment

- 1. Pumps shall be equipped with stroke counters with displays located in dog house. Slow pump speed shall be recorded on drilling report daily after mudding up.
- 2. A Pit Volume Totalizer will be installed and the readout will be displayed in the dog house.
- 3. Gas detecting equipment (for a chromatagraph) will be installed at shaker. Readouts will be available in dog house and in geologist trailer.
- 4. In the event gas flow becomes an issue. A flare pit shall be constructed not less than 100' from wellhead & 50' from cuttings handling area. Lines to the flare pit will be straight runs (staked down) and turns will utilize targeted tees. Flare pit will be located down wind as much as possible. An electronic ignitor will be used along with a propane line to provide for a continuous flare pilot.

Drilling Plan

Section 1 - Original Hole >>

Casing:	5,5" 17	# P-110 L	T&C				Set at:	4,163	ft
Ū	Тор	₿tm	Ftg	Size	Wt	Grade	Conn	Collapse	Burst
	0	4,163	4,163	5 1/2"	17	P-110	LTC	7,460	10,640
		•			Minim	num Safet	y Factors:	4.13	8.95

Load assumptions:

Collapse: full casing evacuation with fresh water external gradient

SOU 36-138_100 Permit Pkg 100213.xlsx

Sundry Number: 43221 API Well Number: 43015305500000

Burst: Maximum expected BHP with no external gradient

Section 2 - Drill Curve (7 Degree/100')>>

4,469 Landing Point 3,123 to:

Hole Size:

4 3/4"

Mud: BHA: 2% KCI, 8.4ppg

Bit, Mud Motor, MWD

Procedure:

Before Drilling Curve: Test Casing for 30 min to

1500 psi

Set whipstock and mill casing window. TOH, PU curve BHA.

Drill Curve per directional plan (maximum survey interval is 30').

Logs:

MWD GR/ROP. Mud log.

Section 4 - Lateral #1>>

4,469 to: 8,003 TD (MD)

Hole Size:

4 3/4"

Mud:

2% KCI, 8.4ppg

Bits:

Bit, Mud Motor, MWD

Procedure:

TIH w/bit and directional tools. Drill open hole lateral per directional plan to TD target. Max survey interval in lateral is 90'.

TOH with DP & BHA. Run Casing with liner top hanger. TiH to KOP w/ liner top, drop ball, wait 30 min, and set hanger.

Liner:

4" 11.35# L-80 Ultra Flush Joint Pre-Perfed Liner

Top:

Btm:

3,133 - KOP

8,003 <-- spaced out as close to TD as possible

Logs:

MWD GR/ROP. Mud log.

Finalize Well >>>>

Circulate clean. Set Wireline retrievable Packer. LD DP. ND BOP and NU tree. RDMO.

Prepared By: Cole Walton

Sundry Number: 52096 API Well Number: 43015305500000

	OTATE OF UTALL		FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINII		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-47100
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro- current bottom-hole depth, FOR PERMIT TO DRILL form	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.	eepen existing wells below al laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: HUNTINGTON CBM
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ST OF UT 36-138
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43015305500000
3. ADDRESS OF OPERATOR: PO Box 6501 , Englewood,		PHONE NUMBER: 27 Ext	9. FIELD and POOL or WILDCAT: BUZZARD BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1615 FNL 0444 FWL			COUNTY: EMERY
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 36 Township: 16.0S Range: 07.0E Meridia	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
I .	CHANGE WELL STATUS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION COMPLETED OPERATIONS. Clearly show all sts a one (1) year extension of referenced well.		CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL ✓ APD EXTENSION OTHER: Depths, volumes, etc. Approved by the Utah Division of Oil, Gas and Mining June 12, 2014 Date: By:
NAME (PLEASE PRINT) Malia Villers	PHONE NUMBER	R TITLE Lead Permitting Analyst	
SIGNATURE N/A	303 381-3010	DATE 6/10/2014	

Sundry Number: 52096 API Well Number: 43015305500000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43015305500000

API: 43015305500000 **Well Name:** ST OF UT 36-138

Location: 1615 FNL 0444 FWL QTR SWNW SEC 36 TWNP 160S RNG 070E MER S

Company Permit Issued to: XTO ENERGY INC Date Original Permit Issued: 8/22/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of thi proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? (Yes (No
• Has the approved source of water for drilling changed? Yes No
• Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
• Is bonding still in place, which covers this proposed well? Yes No
notura. Malia Villara Pota. 6/10/2014

Signature: Malia Villers Date: 6/10/2014

Title: Lead Permitting Analyst Representing: XTO ENERGY INC

Sundry Number: 61776 API Well Number: 43015305500000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: ML-47100
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME: HUNTINGTON CBM
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ST OF UT 36-138
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43015305500000
3. ADDRESS OF OPERATOR: PO Box 6501, Englewood,	CO, 80155 303 397-3	PHONE NUMBER: 727 Ext	9. FIELD and POOL or WILDCAT: BUZZARD BENCH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1615 FNL 0444 FWL			COUNTY: EMERY
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SWNW Section:	HIP, RANGE, MERIDIAN: 36 Township: 16.0S Range: 07.0E Meri	dian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	✓ ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
3/19/2015	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:			
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
XTO Energy Inc. following: 3/19/20 meeting. SD PU & Pmp 5 bbls TFW. P presser, flshd w/40 I	COMPLETED OPERATIONS. Clearly show a performed an acid treatmen 015: MIRU acid pmp trk. Ho SI well @ 2:30 p.m. PT surf I mp 750 gl HCL 15% @ 3 BPN bbl TFW. ISIP 0. RDMO acid RWTP @ 4:15 p.m. ppg @ 74	t on this well per the ld pre acid job safety ines 1000 psig, gd test. I down TCA, 15 psi max pmp trk. Left well SI for	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 27, 2015
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMB 303-397-3736	ER TITLE Regulatory Analyst	
SIGNATURE		DATE	
N/A		3/24/2015	

Sundry Number: 77467 API Well Number: 43015305500000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: XTO ENERGY INC 3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155 303 397-3727 Ext 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1615 FNL 0444 FWL QTRYGTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 36 Township: 16.0S Range: 07.0E Meridian: S 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: XTO ENERGY INC 3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1615 FNL 0444 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 36 Township: 16.0S Range: 07.0E Meridian: S
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: XTO ENERGY INC 3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1615 FNL 0444 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 36 Township: 16.0S Range: 07.0E Meridian: S 1. TYPE OF WELL SUBJECT OF TOWNSHIP AND SUBJ
current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL Gas Well 2. NAME OF OPERATOR: XTO ENERGY INC 3. ADDRESS OF OPERATOR: PO Box 6501, Englewood, CO, 80155 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1615 FNL 0444 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 36 Township: 16.0S Range: 07.0E Meridian: S 7. UNIT or CA AGREEMENT NAME: HUNTINGTON CBM 8. WELL NAME and NUMBER: ST OF UT 36-138 9. API NUMBER: 43015305500000 9. FIELD and POOL or WILDCAT: BUZZARD BENCH COUNTY: EMERY STATE: UTAH
1. TYPE OF WELL 8. WELL NAME and NUMBER: Gas Well ST OF UT 36-138 2. NAME OF OPERATOR: 9. API NUMBER: XTO ENERGY INC 43015305500000 3. ADDRESS OF OPERATOR: PHONE NUMBER: PO Box 6501 , Englewood, CO, 80155 303 397-3727 Ext 4. LOCATION OF WELL BUZZARD BENCH FOOTAGES AT SURFACE: 1615 FNL 0444 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: Qtr/Qtr: SWNW Section: 36 Township: 16.0S Range: 07.0E Meridian: S UTAH
XTO ENERGY INC 3. ADDRESS OF OPERATOR: PHONE NUMBER: 9. FIELD and POOL or WILDCAT: BUZZARD BENCH 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1615 FNL 0444 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 36 Township: 16.0S Range: 07.0E Meridian: S 11.
PO Box 6501 , Englewood, CO, 80155 303 397-3727 Ext BUZZARD BENCH 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1615 FNL 0444 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 36 Township: 16.0S Range: 07.0E Meridian: S 11.
FOOTAGES AT SURFACE: 1615 FNL 0444 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 36 Township: 16.0S Range: 07.0E Meridian: S 11.
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 36 Township: 16.0S Range: 07.0E Meridian: S UTAH
TYPE OF SUBMISSION TYPE OF ACTION
☐ ACIDIZE ☐ ALTER CASING ☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start: CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE WELL NAME
CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion: DEEPEN DEEPEN DEEPEN FRACTURE TREAT NEW CONSTRUCTION
12/13/2016 OPERATOR CHANGE PLUG AND ABANDON DIPLUG BACK
SPUD REPORT PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORMATION
Date of Spud: REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY ABANDON
TUBING REPAIR VENT OR FLARE WATER DISPOSAL
DRILLING REPORT Report Date: SI TA STATUS EXTENSION APD EXTENSION
WILDCAT WELL DETERMINATION ✓ OTHER OTHER: Chemical Trtmt
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. performed a Chemical Treatment on this well per the following: 12/12/16: HU pmp trk. Pmp 5 bbls TFW. Pmp 600 gl HCL 15% w/5 gal mutual solvent @ 3 BPM down TCA, 25 psi max presser. Pmp 60 bbl TFW @ 4 BPM. Disconnect pmp trk. Left PU SD for 24 hrs. 12/13/16: Start PU @ 3:30 p.m. Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 20, 2017
NAME (PLEASE PRINT) Rhonda Smith PHONE NUMBER Regulatory Clerk